The
CHEMIST AND DRUGGIST
for RETAILER — WHOLESALER — MANUFACTURER
JULY 1, 1950

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The
CHEMIST AND DRUGGIST
for RETAILER—WHOLESALER—MANUFACTURER
JULY 1, 1950
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NEWS OF THE WEEK

Type Cultures.—A second edition of the list of species maintained by the National Collection of Type Cultures was published recently. Organisms are grouped into three orders and genera given alphabetically.

New Plant for Chloromycetin.—Parke, Davis & Co., Detroit, have announced plans for a new British plant at which Chloromycetin will be produced for countries in the sterling area. The building housing the plant will be at Hounslow and complete synthesis will be carried out.

N.P.U. By-election Result. — In the National Pharmaceutical Union Metropolitan Division by-election (see *C. & D.*, June 17, p. 761) Mr. H. G. Moss was elected to fill a vacancy on the Executive Committee with 512 votes. Mr. E. N. Brown received 338 votes. The percentage poll was 41.1.

Training Centre into Factory.—It is understood that the Board of Trade has offered a former Government training centre at Paulsgrove, Portsmouth, to Johnson & Johnson (Great Britain), Ltd., Slough, as a factory. Negotiations are in progress which the company hope will be successful.

Dearer Boxes and Cartons.—An increase is expected shortly in the cost of cartons, boxes and wrappings following an announcement of the Board of Trade that all types of paper and board, except newsprint, mechanical handling paper and kraft liner board will be freed from price control on July 3. Increases in prices have been approved by the Board of Trade for the types for which it still fixes maximum prices.

Statutory Committee.—The Statutory Committee of the Pharmaceutical Society is meeting in London at 2.30 p.m. on July 5 (1) to resume the adjourned inquiry into the complaints concerning the advertising of dispensing services by corporate bodies who are authorised sellers of poisons, and (2) to consider a complaint against a member of the Society which alleges that on two occasions he was under the influence of drink or drugs whilst employed in a pharmacy.

Reciprocal Health Service.—A reciprocal health service agreement has been concluded between the Ministry of Health and the Department of Health for Scotland and the States of Jersey and Guernsey. Channel Islanders may use the facilities of the National Health Service (with few exceptions) free of charge. Jersey will provide free hospital treatment but no family doctor service. Guernsey will provide free hospital in-patient treatment and a family doctor service. No dental or ophthalmic treatment is to be provided by the States of either Island.

Conference on Farm Poisons.—Following the issue of warning notices about precautions required in the use of D.N.O.C. (dinitro ortho cresol) and phosphorus weed-killers and insecticides (see *C. & D.*, April 22, p. 485), the Ministry of Agriculture and Fisheries has given further attention to their effects on the crops and to the safety of the operators, and has arranged for a departmental conference to be held on July 11, to discuss the adequacy of the present precautionary procedures. Representatives of farmers, farmworkers, manufacturers and contractors have been invited to attend.

Wholesale Prices Again Up.—A rise in British wholesale prices gathered momentum in May, when the Board of Trade index rose by 4.8 points (1.9 per cent.) to 254.5. The cumulative rise since devaluation now stands at a little above 10 per cent. The index numbers for chemicals and oils are given below:—

1949		1950	
May	September	April	May
189.2	188.3	201.5	205.6

(Average for 1930=100).

Pound and Yard Test Report.—A report on the comparisons of the Imperial Standard yard and Imperial pound and the Parliamentary copies by the National Physical Laboratory has been published by H.M. Stationery Office (price 1s.). The comparisons have to take place every ten years and should have been held during the war years. Among the conclusions reached by the National Physical Laboratory in their report is that the Imperial Standard yard has been shortening at a fairly uniform rate throughout the last fifty-two years. It is recommended that new arrangements for defining the yard and pound more scientifically should be made: they are much overdue.

Basis for Trade Statistics.—The President of the Board of Trade announced at a news conference in London on June 15 that it has been decided to use the year 1947 instead of 1938 as the base year of index numbers of the volume of United Kingdom imports and exports published quarterly in the "Board of Trade Journal." The figures, he said, would give a more realistic appreciation of the current changes in the volume of the United Kingdom's overseas trade. On the new basis (1947=100) the index number for the volume of exports of chemicals, drugs, etc. in the first quarter of the current year is 125, and of imports of the same group of products, 104.

Chemists Federation.—At a meeting of the Chemists Federation Council on June 8, the president (Mr. E. A. Brocklehurst) in the chair, the following additions to schedules of C.F. agreements were accepted: Corn Products Co., Ltd. (Dextroso brand powdered glucose); Forsters (Pharmaceuticals) Ltd. (Dobagen, Idanta, Nadipol). Two applications for wholesaler membership were rejected. The Council accepted the resignations of the following from manufacturer membership: Anglo-American Pharmaceutical Co., Ltd.; Elmbalm Pharmaceutical Specialities Co. and E. T. Pearson & Co., Ltd. The names of the following manufacturers were deleted from the C.F. List: Episeps, Ltd.; Optabs, Ltd., and Sominox, Ltd.

Fertiliser Order Amended.—The Board of Trade has issued the Fertilisers (Prices) (Amendment No. 4) Order, 1950 (S.I. No. 919) effective from July 1. The principal changes are that (a) maximum prices are increased for all fertilisers in Great Britain and Northern Ireland, and (b) maximum prices are provided for triple superphosphate of lime, and Nitro-Chalk. The Order (S.I., 1950, 1039) also effective from July 1 imposes a charge on all stocks of materials for the manufacture of fertilisers, and of fertilisers, held by manufacturers on that date, on which exceptional profits would accrue. The object of the charge is to withdraw profits on stocks of materials which have been acquired at prices subsidised from public funds.

N.H.S. Tribunal Regulations.—Regulations amending the National Health Service (Service Committees and Tribunal) Regulations, 1948, are contained in an

Order (S.I., 1950, No. 983) effective from July 1. The amending regulations enable Executive Councils to establish two or more pharmaceutical service committees and permit a pharmacist employed by a chemist on the pharmaceutical list to be treated as a party to any service committee proceedings concerning his conduct. The following is added to subparagraph (b) of paragraph (1) of rule 1 in the first schedule:

Where any complaint against a medical or dental practitioner or a chemist concerns the conduct either of a deputy or assistant to such practitioner or of a registered pharmacist employed by the chemist, the clerk shall also send a copy of the complainant's statement to such deputy, assistant or pharmacist, as the case may be, who shall be treated as if he were a party to the proceedings if within fourteen days of receipt of the statement he applies to the committee to be so treated:

Provided that the Council shall not in any case where such an application is made be entitled to take any action under regulation 6 of the regulations against the deputy, assistant or pharmacist and the deputy, assistant or pharmacist shall have no right of appeal to the Minister under regulation 7 of the regulations.

LOCAL NEWS

Inter-company Cricket Match. — The annual cricket match between Stafford Allen & Sons, Ltd., and William Ransom & Son, Ltd., played at Wymondley on June 24 resulted in a win for Ransoms by six wickets. Mr. Chappelle (Ransom) took eight wickets for fifteen runs.

North Notts N.P.U. Officers.—At the annual meeting of the North Notts Branch of the National Pharmaceutical Union held on June 6, the following officers were elected:—*Chairman,* Mr. W. J. Scott; *Vice-chairman,* Mr. G. O. Smith; *Treasurer,* Mr. J. R. S. Briggs; *Secretary,* Mr. J. Spaanderman, Sutton Road, Huthwaite, Mansfield, Notts.

Walthamstow Officers.—The following have been elected officers of the Walthamstow Pharmacists' Association and Branch of the National Pharmaceutical Union for the year:—BRANCH: *Chairman,* Mr. L. H. Moppett; *Vice-chairman,* Mr. A. E. Leach; *Secretary,* Mr. H. L. Crossley, 61 Beulah Road, London, E.17; ASSOCIATION: *Chairman,* Mr. W. H. Gooch, *Vice-chairman, Mr. S. R. Smith; Secretary* and *Treasurer,* Mr. T. W. Hill, 230 High Road, Leyton, Essex.

Staff Outings.—The office and works staff of Meggeson & Co., Ltd., were entertained to luncheon and tea at Clacton-on-Sea by the company on June 3. The guests were received by Mr. R. Campbell Feather (managing director) and Mrs. Feather. The luncheon was presided over by Mr. W. Wigglesworth, M.P.S. (chairman), and a vote of thanks to the directors was proposed by Mr. P. King, M.P.S. (sales manager).—The employees, staff and directors of Brook, Parker & Co., Ltd., Bradford, visited Scarborough on June 17, and were entertained to lunch soon after arrival.—The staff of Matthews & Wilson, Ltd., went for its annual outing this year to Southend-on-Sea.—The employees of Kaylene, Ltd., were the guests of the managing director (Sir W. Arbuthnot Lane) and board on June 17, at the annual staff outing (by motor coach to Bognor Regis).

Raids on Pharmacies.—Thieves who carried out a smash-and-grab raid on the pharmacy of Rugby Co-operative Society, Ltd., Chapel Street, Rugby, in the early hours of the morning June 1, stole cameras and equipment valued at about £100. A cine camera worth £57 was damaged and left behind.—A number of cameras, electric razors and fancy goods were taken when thieves broke into Glover's Pharmacy, Ormskirk Street, St. Helens, recently.—A safe was blown open by thieves who broke into the shop of Boots, Ltd., Union Street, Aberdeen, during a recent week-end. About £50 in cash and a number of expensive cameras were taken. A number of valuable cameras were also stolen by smash and grab raiders who broke the windows of Ward's Pharmacy, Ltd., 21 Goresbrook Road, Dagenham, and Child's Pharmacy, Woodhouse Hill Road, Leeds. Both of the raids occurred when the pharmacies were closed.

Chemists' Golf.—At the London Chemists' Golfing Society competition at Sudbury on June 8, the prize presented by Arthur H. Cox & Co., Ltd., was won by Mr. J. A. Mackenzie (16) 75 net. Mr. G. T. Morson (10) at 3 down proved the winner of a bogey competition for a silver tankard presented by the Mentholatum Co. —Ladies were invited to a meeting at the Wildernesse Country Club, Sevenoaks, on June 11. The results were:—Medal round for 4711 prize, Mr. F. G. Wells (18) 74 net; Ladies' medal, Mrs. Carter; Men's foursomes, Messrs. Newcombe and Lester; Nominated holes, Messrs. Nice and Poole; Hidden holes, Mrs. O. Lisle and Mr. J. Usher.—At an outing of the J. F. Macfarlan & Co., Golf Club over Gleneagles golf

course on June 10, Mr. L. S. Robb, M.P.S. (a member of the club) did the sixteenth hole in one stroke.—The results of the competition played by the Edinburgh Chemists' Golf Club over Newbattle course on June 14 were as follows:—Raimes tankard, Mr. J. S. Wilson 88 (22) 66. Thornton Ross prizes: (No. 1 section), Messrs. J. H. Scott 82 (10) 72; W. S. Thomson 81 (8) 73; S. McDiarmid 76 (1) 75. (No. 2 section), Messrs. F. Hepburn 88 (21) 67; John Liddell 88 (18) 70; A. Fulton 94 (24) 70. Best scratch score, Mr. S. McDiarmid, 76. —The Crookes trophy, played for by sixteen members of the golf section of the Leeds Branch of the Pharmaceutical Society on June 14, was won by Mr. J. Kendall with a net score of 66. Mr. M. E. Midgeley was the runner-up.—The spring meeting of the Glasgow Pharmacy Club's golf section was held at Old Ranfurly on May 16. Prizes presented by Askit, Ltd., were won as follows:—Scratch prize, Mr. W. T. Sinclair; first class, Messrs. D. A. M. Jamison and D. Hogg; second class, Messrs. J. MacMillan and Wm. Melrose. The match played against Glasgow Grocers on June 13 ended in a draw, the Pharmacy Club, being holders, retained the Spriggs cup.

OVERSEAS NEWS

Clove Disease Scheme Abandoned.—Because of opposition from Arab growers the Zanzibar Government has abandoned the proposal to control "sudden death" disease by the large-scale felling of clove trees in the affected areas. The Arabs contend that, as the disease has been endemic in Zanzibar almost from the time cloves were first planted, the problem, if left to nature, will right itself, and that scientific officers can give no guarantee that felling will eradicate the disease. At present Pemba trees are bearing heavily and the price of cloves is high.

U.S. Excise Tax Cuts.—A tax Bill tentatively approved by the U.S. Congress Ways and Means Committee includes the following reductions in excise taxes:—Toilet preparations from 20 per cent. to 10 per cent., except baby oil, powder, lotion, and articles used in beauty shops (exempted completely); distilled spirits: reductions for medicinal alcohol; photographic apparatus: cameras, apparatus and equipment from 25 per cent. to 10; films and plates from 15 to 10; professional-type cameras, films and plates exempted.

IRISH NEWS

Examination Results.—In the examinations of the Pharmaceutical Society of Northern Ireland, held in June, successful candidates were:—

PART II

Benson, John J.	Bradford, Hannah
Brown, Alexander	Caldwell, Fervain A. M.
Calwell, David	Campbell, Robert A.
Collins, Walter	Creswell, Thomas W.
Deehan, James E.	Fitzpatrick, Sarah J.
Gillan, Arthur B.	Grant, Brigid P.
Hale, John C.	Wightman, Edward R.
Todd, Robert G. W.	Thompson, Elizabeth F.
Staunton, Annie E.	Shinner, Joseph W. A.
Ogle, Cecil	McStay, William F.
McNeely, Ruth E.	McGrath, Patrick L.
McClure, Thomas	McCloskey, Bernard J.
Moore, Samuel J.	Markey, William J.
Manson, Thomasena	Kennedy, Daniel

Hill, Margaret R.

Excursion to Rostrevor.—The annual excursion of the Chemists' and Druggists' Society of Ireland was to Rostrevor, co. Down, on June 21. Mr. Fred Storey, C.B.E., presided at the customary short meeting after tea; he welcomed the guests who included Mr. H. W. Gamble (vice-president, Pharmaceutical Society of Northern Ireland) and Mrs. Gamble, and Mr. H. Moore (a member of Council). Mr. Storey expressed members' sorrow at the death of Mr. E. Richey (a member of the Committee) who had always attended those excursions. Mr. H. Johnston proposed a vote of thanks to Mr. H. McQuitty for having organised the outing. Mr. F. Boyle seconded and Mr. C. Abernethy supported, Mr. McQuitty suitably replying.



IRISH PHARMACEUTICAL STUDENTS.—Council of the Irish Pharmaceutical Students' Association: Seated, Miss R. Hughes, Mr. Frank Gannon (chairman), Miss M. Keane; Standing, Mr. M. Dougan, Miss M. Keating, and Mr. J. Cahill. Inset, Mr. John O'Grady, who was unable to be present when the picture was being taken.

TOPICAL REFLECTIONS

Your Annual Special Issue

The fact that many of your readers have been deprived of an Annual Special Issue for nine years is a measure of the disturbance caused by the Second World War. As the first of a new series last week's "Special" is doubly welcome: it foreshadows a return to normality—including, I trust, the larger size of page wistfully desired in the editorial comment on p. 819. As in pre-war years, the contents of the number comprise a judicious blend of the practical, the scientific and the historical. Among articles of "live," up-to-date character I may instance those of Mr. John W. McPherrin on pharmacy in the United States (pp. 788-90), and of Mr. Keith Attiwill on pharmacy in Australia (pp. 794-96). The factual quality of Mr. McPherrin's account of U.S.A. conditions is full of interest for pharmacists in retail businesses in the United Kingdom. Some of his statistics will probably surprise anyone who is not well acquainted with the problems of retailers in the States. To take one instance, "over 50 per cent. of the prescriptions now being filled in America call for ingredients or products that did not exist ten years ago." An open mind is required in the pharmacy when so marked a change can come about so quickly. The "drive" of this article is matched by Mr. Attiwill's survey of pharmaceutical organisations in Australia. His account of the position regarding the Pharmaceutical Benefits Act and the National Health Service Act is merged in an informative statement of the prospects before Australian pharmacy in general.

In Science and History

One aim in these annual issues, an Editor of THE CHEMIST AND DRUGGIST told me many years ago, is to present, so far as space permits, every feature usually found in a complete volume of the paper. This tradition has been well maintained. On the scientific side your most recent "Special," as of old, looks round the world—witness "Chemotherapy in Tropical Diseases" (pp. 840-43) and Dr. J. Harper's "Alkamethonium Compounds" (pp. 837-39). As I have indicated, the balance of interest is completed by history. The two Irish Societies are well portrayed from their beginnings by their respective secretaries. Overseas enterprise by British chemical manufacturers is now old enough, in some cases, to qualify for inclusion as a part of pharmaceutical history (as on pp. 834-36 and 850). The ever-attractive subject of pharmacy jars receives sympathetic treatment by Miss Agnes Lothian, who has accumulated a wealth of information about it. And the great city of Glasgow is described, historically and pharmaceutically, in eight photogravure pages. My brief notes on this remarkable issue, based on a first impression, are not intended to be a catalogue. Everything in the seventy-two literary pages is worth reading (to say nothing of the advertisements), and I intend to return to the number without much delay.

Price Maintenance Debate

Three Press reports (including, of course, the one on p. 786 of last week's *C. & D.*) of the House of Commons debate on the report of the Committee on Resale Price Maintenance have been read by me. In each case my first and final impression was one of astonishment that any members of Parliament can regard as deplorable the price protection of articles sold by chemists. We who are interested in these classes of goods do not profess to speak for manufacturers and sellers of such articles as motor cars, agricultural implements and household appliances. But we are clear as to our own position. To Mr. Linstead's remark, during the debate, that when he began his apprenticeship there were many people in business who remembered the price-cutting war may be added the comment that some of these people are still living. In the 'eighties and 'nineties many—probably most—well-known proprietary articles were habitually sold in the average pharmacy at or below cost; indeed, it was often an economy to purchase them for resale (with the help of a friend) from a local "cutter." These goods were regarded as a form of advertisement, and were handled only for the sake of obliging customers. Owners of businesses, and especially those with a small turnover in dispensing, turned their attention to any side-lines that appeared to yield a reasonable profit. One mischievous effect of this state of affairs was that some manufacturers and wholesalers were tempted to offer retailers terms leaving an inadequate margin of profit. If the Glyn-Jones movement had not made headway, the trouble in the proprietary trade might have continued indefinitely. ***Xrayser***

NEW COMPANIES

NINE-FIVE, LTD. (P.C.).—Capital £500. To carry on the business of dealers in 9.5 mm. films and equipment for such films, etc. Arnold S. Brettell, Irene A. Ward, and John M. Burgoyne-Johnson, directors. R.O.: Vale Cottage, London, N.W.3.

JUDD'S DISTRIBUTING CHEMISTS, LTD. (P.C.).—Capital £100. To carry on the business of manufacturing chemists, druggists, etc. Harry Judd, Barbara R. Judd, and Thomas G. Hanna, directors. R.O.: 13 Langdon Drive London, N.W.9.

I. R. BLOOM, LTD. (P.C.).—Capital £200. To carry on the business of manufacturing pharmaceutical general chemists; druggists, etc. Israel R. Bloom, M.P.S., and Ena Bloom, directors. R.O.: 3 Rodley Lane, Rodley, Leeds.

CRUSOE COMPOUNDS, LTD. (P.C.).—Capital £100. To carry on the business of manufacturing, wholesale and retail chemists and druggists, opticians, etc. Malcolm Watson, 25 Lansdowne Place, Hove, Sussex, director.

APEX LABORATORY SUPPLIES, LTD. (P.C.).—Capital £1,000. To carry on the business of dealers in glass and plastic ware, scientific instruments, etc. Eileen M. McLaren and Virginia R. Farlow, directors. R.O.: 4 Bucklersbury, London, E.C.4.

MICHAEL PAPPIN & CO., LTD. (P.C.).—Registered in Dublin. Capital £1,000. To carry on the business of buyers, packers and sellers (by retail or wholesale) of liquid paraffin, castor oil, olive oil, etc. Michael L. Pappin, 11 Westland Row, Dublin, subscriber. First directors are not named.

ANDERSON & IRELAND, LTD. (P.C.).—Registered in Edinburgh. Capital £4,000. To acquire the business of Anderson & Ireland, chemists and druggists, 513 Springburn Road, Glasgow. Agnes J. Caldwell, and James R. Eunson, M.P.S., directors.

COLIN R. OLIVER, LTD. (P.C.).—Registered in Edinburgh. Capital £3,000, in £1 shares. To carry on the business of chemists and druggists, etc. Colin R. Oliver, M.P.S., subscriber, 31 Barlogan Avenue, Glasgow, S.W.2. Directors are not named.

BACTEROL (1950), LTD. (P.C.).—Capital £5,000. To carry on the business of dealers in and manufacturers, importers and exporters of sterilising equipment, disinfectants and insecticides; and to carry on the business now or lately carried on by Bacterol, Ltd., and the receiver and manager for the debenture holder thereof. A. Binnie, director, R.O.: Plantation House, Mincing Lane, London, E.C.3.

C. H. MANGEN & CO., LTD. (P.C.).—Capital £2,000. To acquire the business carried on at 100 Alexandra Road, Manchester, 16, as C. H. Mangen & Co.; to carry on the business of manufacturers of hypodermic and other syringes for medical and surgical use, etc.; to enter into an agreement with Carl H. Mangen and S. Maw, Son & Sons, Ltd. C. H. Mangen, and Mowbray P. T. Maw, directors. R.O.: Aldersgate House, Barnet, Herts.

Company News

TAYLORS DRUG CO., LTD.—Group net profit for 1949, after taxation, etc., amounted to £94,886, against £93,926 for 1948. Proposed dividend on the ordinary shares, less tax, 20 per cent., £60,000 (10 per cent., £30,000).

TAYLORS (CASH CHEMISTS), MIDLAND, LTD.—Net profit for 1949, after taxation, etc., amounted to £57,735, against £53,700 in 1948. Proposed dividend on ordinary shares, 12 per cent., less tax (the same), £3,438; and on deferred ordinary shares, less tax, £44,000 (£20,000).

HOWARDS & SONS, LTD.—Net profit for 1949 of the company and its subsidiary after taxation, amounts to £68,124 (£65,000). Retained in subsidiary, £1,173 (£224); net profit of Howards & Sons, £66,951 (£64,776). Ordinary dividend, 15 per cent., £31,185 (£34,650).

EVANS MEDICAL SUPPLIES, LTD.—Net profit of the company and subsidiaries for 1949, after taxation, amounted to £59,011, against £38,004 in the previous year. Provision for plant and building depreciation, £13,786 (£10,185); scheme of arrangement expenses, £4,287 (nil); debenture stock redemption charge, £12,000 (the same); cumulative preference dividend paid, 6 per cent., less tax, £7,979; ordinary dividend, 10 per cent., less tax, paid, £8,466; £56,957 is carried forward against £43,291 brought in. The company has completed negotiations to acquire the entire share capital of its Newcastle agents, Phillips Spencer, Dakers & Co., Ltd. Mr. N. McQueen, M.P.S., has been appointed general manager.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

When the House debated on June 20 the Opposition's new clause to the Finance Bill to reduce the present rates of purchase tax to four-fifths, one-half and one-quarter, cosmetics, lipstick, perfume, and tooth-brushes all figured largely in the discussions. Mr. Oliver Lyttelton, moving the clause, declared that the tax was now levied on many absolute necessities, or at best on goods that were semi-necessities. The original idea of the tax in war-time (as a check to consumer buying and as an anti-inflationary measure) had been long left behind. The proof of that was in the yield—£97 millions in 1941, and £303 millions in 1950. Could soap be defined as a luxury? Or tooth-brushes? Or razor blades? In the 100 per cent. group were cosmetics, lipsticks, powder and perfume. Lipstick and face powder seemed to him, with today's social habits, at least a social necessity. The incidence of the tax was arbitrary, and a handicap to export trade.

Sir Wavell Wakefield suggested that the Chancellor should set up an advisory committee to go into the whole question of purchase tax to see what could be done to prevent export trade from being lost. At present, when industries made representations to the Treasury about the difficulties they had under the anomalies of purchase tax, no notice was taken.

Mr. Douglas Jay (Financial Secretary to the Treasury) said that when the Government had been reorganising the tax in 1948 they had sought to reduce the rates on those goods that seriously affected the cost of living of the wage-earner, and had left the rates high on goods like cosmetics, which surely could not be held to influence the cost of living of the wage-earner. They had also sought deliberately to use the tax as an instrument of planning, particularly in encouraging exports. When inflation was no longer the problem, the time would doubtless come when rates of purchase tax could be moved downwards and exemptions increased. "It is, in my view, a less good tax than the income tax, profits tax, and death duties." After the changes in 1947 and 1948, many representations had been made from industry that frequent changes in the tax were undesirable. For that reason, among others, the Government had decided not to make any detailed changes in 1949 and 1950.

The Opposition clause was defeated.

Tax on Hydrocarbon Oils

Mr. F. J. Erroll asked the Chancellor of the Exchequer on June 20 if he would consult with the trade interests concerned to overcome administrative obstacles to tax reliefs in respect of white spirit and light hydrocarbon oils used for industrial purposes. Sir Stafford Cripps replied that he did not think that such consultations would serve any useful purpose. The administrative difficulties were only one factor.

SCOTTISH CONTRACTORS' DECISIONS

The Pharmaceutical General Council (Scotland) held a meeting on the afternoon of June 28 at which it reviewed the result of the referendum taken recently in which every chemist in Scotland was asked whether he would accept the 8 per cent. cut in oncost and agree to negotiate, or whether he would give notice to terminate his contract under the National Health Service. The Council took into consideration the various mass meetings held locally by contractors since the cut was made and the many resolutions passed, both showing that chemists would not agree to accept the cut and would come out of the Service if it were enforced. At the meeting, reference was made to a memorandum produced by the Drug Accounts Committee and submitted to the Department of Health for Scotland in which proposals were made for the rapid pricing of prescriptions dispensed during the period October 1949 to December 1950 and for a scheme for 1951 in which it was suggested that contractors, with the aid of a specially devised Drug Tariff, should price their own prescriptions. It was understood by the Council that both schemes would find full support from local Executive Councils in Scotland, but emphasis was laid on the attitude of chemists, who could not agree to co-operate in either scheme while the 8 per cent. cut was in operation. The final decisions of the Council were: That this meeting agrees to postpone the decision whether contractors should withdraw from the National Health Service to enable a further approach to be made to the Secretary of State for Scotland; and that the meeting should stand adjourned to reassemble within one month of June 28. [Message received in course of going to press.—Editor].

BIRTH

BECKETT.—At Belvedere nursing home, Grimsby, on June 26, Margaret (née Parker), wife of Stanley H. Beckett, M.P.S., 8 Abbey Drive West, Grimsby, of a daughter.

MARRIAGE

FARQUHAR—REID.—At the Old Church, Cumnock, Ayrs, on June 17, Douglas Martin Farquhar, Viewforth, Strichen, Aberdeens (eldest son of Mr. Douglas G. Farquhar, M.P.S., 45 High Street, Strichen) to Agnes Millar Reid, Cumnock.

DEATHS

BLAXTER.—At his home in Potters Bar, Middlesex, on June 13, Mr. A. P. Blaxter, chairman of Barnett & Foster, Ltd., and Bratby & Hinchliffe, Ltd., Niagara Works, Eagle Wharf Road, London, N.1, aged eighty-four. Mr. Blaxter had been associated with Messrs. Barnett & Foster for over sixty-five years, and with Messrs. Bratby & Hinchliffe since 1923.

BRIERLEY.—On May 31, Mr. Nelson Brierley, M.P.S., Victoria Pharmacy, Greenfield, Yorks, aged sixty-five. Mr. Brierley managed that pharmacy for Mr. Clarence Cottrell before himself taking it over in 1920.

DURNO.—At Priory Hill, Peterculter, Aberdeens, on June 20, Mr. Alexander Emslie Durno, Ph.C., aged eighty-two. A native of Fyvie, Aberdeens, Mr. Durno served his apprenticeship in Edinburgh, qualified as a chemist and druggist in 1886, and passed the Pharmaceutical Chemist examination in 1891. He later emigrated to Australia and managed shops in Brisbane and Sydney before setting up in business on his own account at 184 Pitt Street, Sydney, where he built up a large business. Mr. Durno later returned to Britain. The funeral service was held at Aberdeen Crematorium on June 22.

FISHER.—Recently, Mr. George Henry Fisher, M.P.S., The Langdales, Sunnyside, Whitwell, Worksop, Notts. Mr. Fisher qualified in 1901.

MITCHELL.—At a nursing home in Edinburgh, on June 24, Mr. James Blackwood Mitchell, M.P.S., 112 Mayfield Road, Edinburgh, 9, formerly in business at 58 South Clerk Street, Edinburgh. Mr. Mitchell qualified in 1901. The funeral service was held at the Crematorium, Warriston Road, Edinburgh, on June 27.

PETERS.—At Hickling Pastures, Leic recently, Mr. Frank Peters, aged seventy nine. Mr. Peters was one of the origina employees of Boots, Ltd., Goose Gate, Not tingham. He joined the company whe he was seventeen and became manager o the heavy drugs department in Islan Street, Nottingham, in 1914, holding th post until his retirement thirteen years ago

RICHEY.—On June 16, Mr. Edmun Abel Richey, M.P.S.N.I., Upper Newtown ards Road, Belfast.



Mr. Richey, who qualified as an Assistant in 1922. and was registered M.P.S.N.I. four years later, was a past-president (1939) of the Ulster Chemists' Association and up to his death secretary of that organisation, and a member of the Pharmaceutical Negotiating Committee. He was educated at the Model School, Ballymoney, co. Antrim, and the Royal Belfast Academical Institution, passing the pharmaceutical preliminary examination in 1912. As an apprentice and assistant he spent over eight years with Mr. Horatio Todd, M.P.S., J.P., Belfast, and had further experience as an assistant in Holywood, Lisburn and Carrickfergus. After qualifying, he commenced business on his own account in 1924. Mr. Richey also made a study of electricity as applied to medicine and qualified as a masseur and electro-therapist. He was an elder at First Ballymacarrett Presbyterian Church, Belfast. The funeral, which was attended by many members of the pharmaceutical profession, took place on June 19 from Upper Newtownards Road to Gilnahirk Churchyard.

SEATON.—On July 9, Mr. Walter Seaton, M.P.S., The Pharmacy, Bingham, Notts, aged fifty-four. Mr. Seaton qualified in 1921.

TODD.—On May 22, Mr. John Frederick Holthouse Todd, M.P.S., 184 Dalton Road, Barrow-in-Furness, Lancs, aged fifty-four.

WALKER.—On June 12, Mr. Thomas Walker, 164 St. Annes Well Road, Nottingham, aged seventy-six. Mr. Walker qualified as a chemist and druggist in 1898.

PERSONALITIES

MISS A. K. McCUNE, M.P.S., Belfast, has been appointed vice-chairman of the newly formed Northern Ireland Business Tenants' Association.

MR. OWEN JONES, M.P.S., Llanfairfechan, has been re-elected to represent North Wales on the General Council of the Association of Optical Practitioners.

MR. GWILYM H. HUGHES, a Council member of the Pharmaceutical Society, has been appointed chairman of the board of governors of Colwyn Bay Grammar School.

MR. F. H. MOSS, M.P.S. (a director and the superintendent of F. H. Moss & Co., Ltd., Bristol) has resigned from the Bristol City Council. He is to make his permanent home in Devon.

MR. M. T. DEVLYN, the first representa- of Pharmaceutical Specialities (May & Baker), Ltd., retired recently after twenty years' continuous service with that company.

MR. C. A. PARK, the new chairman of the Plymouth Branch of the Pharmaceutical Society qualified in 1928, and took over the business of C. J. Park, Mutley Plain (where he had been apprenticed), on the death of his father, the proprietor. He was the deputy-chairman of the Branch 1948-50, and is a member of the pharmacy advisory committee of the Plymouth Educational Authority. He was captain of Plymouth Hockey Club Wednesday XI, 1936-39, and a member of the 7 o'clock Regular Swimming Club until 1940. A practical pharmacist, he says he would rather make a batch of pills than make a speech.

MR. F. T. R. HOLLINGS, who has been elected chairman of the Tees-side Branch of the Pharmaceutical Society, is a past-chairman of the Middlesbrough Pharmacists' Association. In business locally since 1926, he is secretary of Middlesbrough Pharmaceutical Commitee, a member of the local Executive Council and Ophthalmic Committee, and a co-opted member of the local Health Committee and Sub-committee. He served as secretary of the local Pharmaceutical Committee under N.H.I. from 1934 until its end, and was a member of the local Pharmaceutical War Committee. Mr. Hollings qualified in 1919 after an apprenticeship with the late Mr. J. P. Norwood, Ph.C., Wath-on-Dearne, and studied at the college of the Pharmaceutical Society.

BUSINESS CHANGES

MOORE & MACDONALD, LTD., have removed to 23 Bloomfield Avenue, Belfast.

SOUTHERN MANUFACTURING CO., LTD., have removed to 118 Sauchiehall Street, Glasgow, C.2 (Telephone: Douglas 1404).

H. W. SELBY, LTD., have acquired the pharmacy at 5 Hassocks Terrace, Hassocks, Sussex, formerly owned by Mr. G. A. Inkster, M.P.S.

WYNMOUTH, LEHR & CO., LTD., have removed to 2 Thames House, Queen Street Place, London, E.C.4 (City 4737).

MR. ERIC C. LAMPARD, M.P.S., has acquired the branch pharmacy of King & King (Chemists), Ltd., at 55 Baldwin Street, Bristol, 1. [Corrected note.]

LINCOLN HAIR PRODUCTS, LTD., 9 Shaftesbury Mews, Stratford Road, London, W.8, are to make and sell the goods previously made by Lincoln Distributors.

THE businesses of W. Stevens & Co. and the Radiol Co. have been incorporated in a private company, Radiol Chemicals, Ltd., 78 Upper Richmond Road, London, S.W.15.

BOOTS, LTD., have opened branch pharmacies at the following addresses: 12 Bridgegate, Irvine, Ayrs; 6 Wheelgate, Malton, Yorks; 11 Market Street, Hebden Bridge, Yorks; 24 Market Place, Brackley, Northants.

ZENOBIA, LTD., have appointed the following representatives:—Mr. J. G. Beveridge, for Scotland; Mr. H. R. Cork, for the Eastern counties of England; and Mr. W. A. Golightly, South-eastern counties.

MR. J. H. OWEN, who was recently appointed representative in Scotland of Glycerine, Ltd., Unilever House, London, E.C.4 (see *C. & D.*, June 17, p. 780) will continue to represent the company in the North of England.

COMING EVENTS

Monday, July 3

WEST KENT BRANCH, PHARMACEUTICAL SOCIETY, Central Library, Beckenham, at 8 p.m. Annual meeting.

Wednesday, July 5

NORTHUMBERLAND AND DURHAM CHEMISTS' GOLFING SOCIETY, at 2.30 p.m. Competition at Arcot.

MERSEYSIDE BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Liverpool Cathedral, at 3.20 p.m. Conducted tour of Cathedral.

Thursday, July 6

LONDON PHARMACISTS' BRANCH, ASSOCIATION OF SCIENTIFIC WORKERS, 15 Half Moon Street, London, W.1, at 7 p.m. Members night.

TRADE NOTES

Address for Inquiries.—All inquiries for Sanmex disinfectants should be sent to the manufacturers, the British Products Sanmex Co., Ltd., 5 Dalmarnock Road, Rutherglen, Glasgow.

P.A.S. in Cachets. — Antigen Laboratories, Ltd., Everton Buildings, Stanhope Street, London, N.W.1, announce that Calpas (calcium para-aminosalicylate) is now available in cachets each containing 1.5 gm.

Holiday Closing.—The factory of Meggeson & Co., Ltd., Llewellyn Street, London, S.E.16, will be closed from July 22 to August 7 for the annual holiday. A skeleton staff will deal with urgent orders. Ingoing goods will be accepted.

In Good Supply.—Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2, announce that Novalgin, the company's preparation for the relief of muscular rheumatism, is in good supply and that all orders can be executed by return. Novalgin is issued in packings of twenty-five, 100 and 500 tablets and in boxes of five 2-c.c. ampoules.

Display "Dispenser." — To link up with a new sales campaign for Spontex sponges, Sponcel, Ltd., Woldham Road, Bromley, Kent, have brought out a display "dispenser." Printed in seven colours,



the dispenser is available in three sizes, containing respectively six wash-basin size, bath size, and baby Spontex in assorted colours. A national advertising campaign is in progress.

Capsule Change.—Eli Lilly & Co., Ltd. Basingstoke, Hants, announce that during the next few weeks they are issuing Tuina in capsules of a single colour (light green and Amesec in a special orange capsule instead of the two-colour capsules in which those products have hitherto been issued.

On Visit to U.K.—For approximately six weeks from July 1 Mr. D. J. Kinlay (director of South African Druggists, Ltd Johannesburg, and managing director o Heynes Mathew, Ltd., Cape Town), wil be in Britain to discuss matters of busines (manufacturing, distribution, or agencies pertaining to the Union of South Africa Interested persons should write to Davi & Soper, Ltd., 52 St. Mary Axe, London E.C.3.

Distributors Appointed. — Richard Daniel & Son, Ltd., Derby, have made an arrangement whereby, from July 1, the sole distribution in England, Scotland and Wales (except in the area covered by the company's own van deliveries) of penicillin preparations manufactured by Messrs Daniel will be in the hands of Moore Medicinal Products, Ltd., Aberdeen and London, to whom all inquiries should be addressed.

Roll Films. — Offers of roll film are made in this issue by PHOTOCAM ROLL FILM CO., London, W.C.1, draw attention to their Photochrome (29 sch.), fully orthochromatic, in usual roll-film sizes; and by W.L.P.C. (TOUCHSTONE), 90 Victoria Street, London, S.W.1, who give details of Touchstone roll films available.

Soap Saver. — Sugo Products, Ltd. Union Chambers, Weekday Cross, Nottingham, draw attention to their Sugo soap saver, a plastic cover that is pressed into one face of a tablet of soap. The device is claimed to extend the life of a soap tablet by at least one-third and to keep it firm and dry (it keeps the soap away from the basin when the tablet is put down upon it). The Sugo is issued in eight attractive colours to match soap or bathroom fittings. Showcards are supplied.

Purchase-tax Exemptions.—Roche Products, Ltd., Welwyn Garden City, Herts state that, following representations by the company, the Commissioners of Customs and Excise now agree to regard calcium pantothenate as within the scope of Head III of the Schedule to the Purchase Tax (No. 6) Order, 1950. The following Roche preparations are therefore again exempt

from purchase tax: Becosym ampoules and tablets; Heparglandol-B ampoules; and pantothenic acid tablets, Roche.

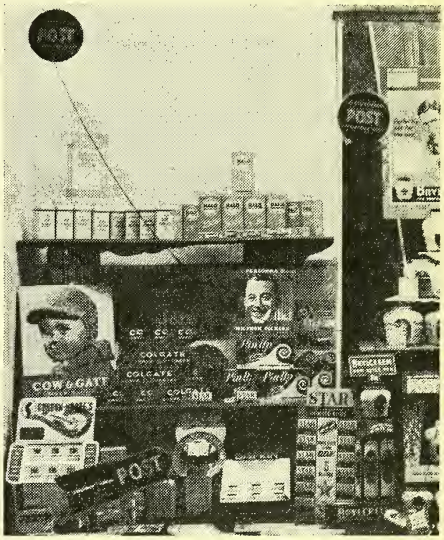
Price Changes. — BRITISH SCHERING, LTD., 229 Kensington High Street, London, W.8, announce new prices for Atophan powder (25-gm. bottle); tablets (tube of twenty; bottles of 100 and 500); and balsam (50-gm. tube).—THE DISTILLERS CO (BIOCHEMICALS), LTD., announce a reduction, effective from July 3, in the price of the 300,000 i.u. vial of Distaquaine G brand procaine penicillin G for aqueous suspension. — JAMES WOOLLEY, SONS & CO., LTD., Victoria Bridge, Manchester, announce that the prices of Nurona sun-tan cream were increased on July 1.

Sales Policy Change.—From July 1 the fine chemicals of Genatosan, Ltd., and Whiffen & Sons, Ltd., will be marketed by Messrs. Whiffen, Carnwath Road, Fulham, London, S.W.6, to whom all inquiries and orders should be sent. A special section of the sales department is being set up to cover development of the industrial usage of the group's fine chemicals; it will be served by qualified chemists and technical representatives. The present range of laboratory chemicals, with any additions, will continue to be handled by Genatosan, Ltd., Loughborough, Leics.

Exhibition of Transparent Packs.—Transparent containers made of Clarifoil cellulose acetate foil were shown at an exhibition arranged in London recently by British Celanese, Ltd., 22 Hanover Square, London, W.1. The material is already being widely used for toilet and cosmetic pack. By laminating Clarifoil to paper, metal foil, etc., a new range of packaging is obtained. Examples were shown. A spiral winding machine at the exhibition produced tubing in diameters of ½ to 2 in.; a second produced about 300 medium-sized boxes an hour from welded transparent cellulose acetate sheet.

Blackhead Preventive.—As a result of original researches carried out by the company's Veterinary Science Division, Boots Pure Drug Co., Ltd., Nottingham, have introduced an easily administered preventive treatment for blackhead in turkeys. Presented as solution tablets, Turk-e-san is dissolved in the drinking water (one tablet per 2½ gall.) of turkeys from one month old to one week before killing, making sure that no other water is available. Tests gave 100 per cent. prevention in artificially infected poults (and the experimental disease is more virulent than infections picked up under natural conditions). Though distribution is to be principally through Messrs. Boots' own veterinary departments, the makers will supply at trade terms (16⅔ per cent. discount) to any chemist called upon to dispense the product on veterinary prescription. Turk-e-san contains 5 per cent. sodium acetarsol and is therefore subject to Schedule I restrictions under the Poisons Rules.

Merchandising Service. — Details are given on other pages of a new service offered to their advertisers by the publishers of "Picture Post," Hulton Press, Ltd., 43 Shoe Lane, London, E.C.4. The



"Picture Post" Display Aids in Use

scheme is designed to co-ordinate the advertising, distribution and retail selling of a commodity. It provides a standard range of point-of-sale displays suitable in all normal types of shop. The basic design of the displays is a representation of a typical "Picture Post" cover; over that is a reproduction of the advertisement as it appeared. The service is available to "Picture Post" advertisers at cost. The material provided includes (by arrangement) showcards adapted to different types of window, counter and shop displays; leaflets and brochures; and a choice of selling and shopping aids such as price labels, window stickers, cartons and carrier bags. Inquiries about the service should be made to the advertisement manager of the paper.

PHARMACEUTICAL SOCIETY OF IRELAND

MR. T. C. SCOTT (president) was in the chair at the monthly meeting of the Council of the Pharmaceutical Society of Ireland on June 13. Other members of the Council present were: Messrs. J. P. Kissane (vice-president), J. Gleeson (treasurer), P. C. Cahill, M. Costello, C. D. O'Shea, M. Power, P. Fullam, H. P. Corrigan, A. A. Toher, J. J. Roche, C. J. Cremen, and N. A. McKane. Apologies were received from Messrs. P. A. Brady, P. Brooke-Kelly, G. C. O'Neill, P. F. McGrath, and T. B. O'Sullivan. A letter from Mr. T. Midgley (secretary, Pharmaceutical Society of Southern Rhodesia) was noted, the letter referred to correspondence between Mr. N. Scroope, Lusaka, Northern Rhodesia, and a vice-president of his Society (see *C. & D.*, March 25, p.371) regarding the qualifying examination of Eire being accepted in Southern Rhodesia. It suggested a method of approach which the Society could take if it required its examination recognised within the colony.

Changes in Register

An application by Mrs. M. Noonan (née Cullen), L.P.S.I., requesting change of name in the register upon marriage, was granted The registrar (Mr. James G. Coleman) reported on the deaths of John O'Sullivan, L.P.S.I., John J. Sewell, M.P.S.I., and Dr. John Shiel, M.P.S.I. The report of the House Committee was submitted and approved. On consideration of the Law Committee's report the Council had before it Counsels' opinion on the proposed amendment to the Regulations to abolish the qualification of "Registered Druggist." The Counsel who signed the opinion (Mr. Michael Binchey, S.C. and Mr. W. C. Toomey, B.L.), urged that the Society should seek the assistance of the Government to have the necessary amending legislation passed, since if it went forward as a Private Members' Bill the delay might be considerable. Under the proposed amendment existing Registered Druggists who passed the modified examination would be described as "Dispensing Chemists and Druggists." The existing rights of Registered Druggists and "Chemists and Druggists" who are on the Register at the passing of the proposed legislation are safeguarded, and remain the same as prior to the legislation, with the sole exception that the right to take apprentices is abolished. In reply to a question THE REGISTRAR mentioned that of the existing Registered Druggists it was anticipated that only a small number would take the modified examination. A letter was read from the Minister for Health intimating that the Department of Health had now transferred to it all matters dealing with pharmacy and the Society formerly administered by the Ministry of Justice. The Minister added that he was now in a position to consider any proposals regarding the standing of Registered Druggists which might be put forward by the Society. After discussion the Council decided to have a further meeting with the representatives of the Registered Druggists before seeking an interview with the Minister for Health. It was agreed that the president, Mr. Gleeson, Mr. Cremen, and Mr. Cahill, represent the Council at the meeting.

Action Approved

A report was made to the Council by THE REGISTRAR, and the members who are acting as the Society's representatives on the recently set up Joint Committee with the Irish Medical Association. THE REGISTRAR (secretary of the Joint Committee) mentioned that no further meetings would be held until September. For the guidance of its representatives the Council expressed its views on the question of what drugs should be available on prescriptions only, and on the sale of sulphonamide preparations and other drugs for veterinary purposes. The Council approved the course of action taken by their representatives.

The report of the Schools Committee, which was adopted, mentioned that an application for preliminary registration had been received from a student on the Gold Coast, who had passed the Cambridge local examination. While granting the application the Council indicated that they could give no guarantee of employment as an apprentice in this country. The Licence certificates of the following were signed and sealed: Messrs. Bernard Cullen, Henry O'Meara, Sean O'Brien, James O'Sullivan, Misses Patricia Flynn, Catherine P. Hannon, and Margarite M. McCann. Mr. John J. Cox was elected a member of the Society. The following were nominated for membership: James Keane, L.P.S.I., 67 Fitzroy Avenue, Drumcondra, Dublin; Miss Fionnuala E. Hughes, L.P.S.I., 71 Grosvenor Road, Rathmines, Dublin; Miss Mary P. O'Callaghan, L.P.S.I., 11 South

Circular Road, Islandbridge, Dublin; Miss Patricia Flynn, L.P.S.I., St. Michael Street, Tipperary; Henry J. O'Meara, L.P.S.I., Main Street, Scariff, co. Clare Patrick F. Twohig, L.P.S.I., 21 Charleville Road, Dublin; and John J. Forristal, L.P.S.I., 13 Somerton Road, Ballinlough, Cork.

The following changes of address were notified:—

William Fegan, M.P.S.I., to 270 Perth Road, Ilford, Essex; Noel Farrell, M.P.S.I., to The Pharmacy, Malahide Road, Coolock, co. Dublin; C. S. O'Connor, M.P.S.I., to 50 Belmont Avenue, Donnybrook, Dublin; Charles W. Tipping, M.P.S.I., to 11 Castle Grove, Howth Road, Dublin; David Geaney, L.P.S.I., to Manorhamilton, co. Leitrim; William Shiel, M.P.S.I., to Vevay Road, Bray, co. Wicklow; Patrick Twohig, L.P.S.I., to 21 Charleville Road, Dublin; Miss Anna Dorrian, L.P.S.I., to West End, Bundoran, co. Donegal; Miss Emelda Hogan, L.P.S.I., and Thomas Hogan, to Fatima, Drapier Road, Ballymun, Glasnevin, Dublin; Miss Anna O'Donoghue, L.P.S.I., to Delvin, co. Westmeath; Mrs. M. Noonan, L.P.S.I., to 14 Sundrive Park, Kimmage, Dublin.

Free Distribution Opposed

Mr. Power drew attention to the present campaign initiated by the Department of Health for the free distribution of D.D.T. by medical officers in the various dispensary districts to everybody and anybody. The medical men were not willing to act as distributors to people who could afford to pay for it. He suggested that as pharmacists were all tax-payers, a practice of this kind should not be allowed to continue without any protest from the Society. Mr. Gleeson said an advertisement did appear from the Department in which it was mentioned that supplies of D.D.T. were free for all and sundry. Other members suggested that the protest should also be sent to the Department of Health, and Mr. Roche thought that the Irish Drug Association should be asked to take similar action. The Council agreed to have a protest sent to all Boards of Health.

It was agreed that the following would constitute a special committee to make preparations for a dinner in October to mark the seventy-fifth anniversary of the founding of the Society: the president, vice-president, treasurer, Mr. M. Costello, Mr. P. C. Cahill, and Mr. T. B. O'Sullivan. At a meeting of the Benevolent Fund Committee several grants were passed for payment.

SCOTTISH CHEMISTS AND THE ONCOST CUT

At a meeting on June 12, at which Mr. R. F. Mackay (Glasgow president) was in the chair, Glasgow and Dumbarton Associations of Pharmacists discussed a referendum issued by the Pharmaceutical General Council (Scotland) on June 2. Mr. Mackay explained that signing clause II (*Do you wish to withdraw from the Health Service until the cut is restored?*) did not mean that a contractor was terminating his contract forthwith. Three months' notice was required; that meant that the proposed cut was an accepted fact and contractors would be obliged to work it for at least three months. The signature would be used as a notice to terminate the contract only if majority of contractors signed and by so doing authorised the General Council to give notice to the Executive Council of termination of contract from July 1. Mr. Murray thought that unless contractors took some action to safeguard themselves now, the opportunity would not present itself again. Mr. Mackay contended that by signing clause I (*Do you wish to continue to operate the service if the cut is made and send the whole matter to arbitration?*) and not standing out, contractors would be working for several months under its imposition, and by doing so would be accepting it. Once they had done so, any claim for higher dispensing fee would be void.

As reported previously (*C. & D.*, June 17, p. 773) it was unanimously agreed to give authority to the Pharmaceutical General Council to intimate withdrawal from the National Health Service from July 18 if any cut were imposed. Mr. Still (Dumbarton president) said that 80 per cent. of the private chemists had signed clause II, which he thought was quite a good showing for a month-old Association.

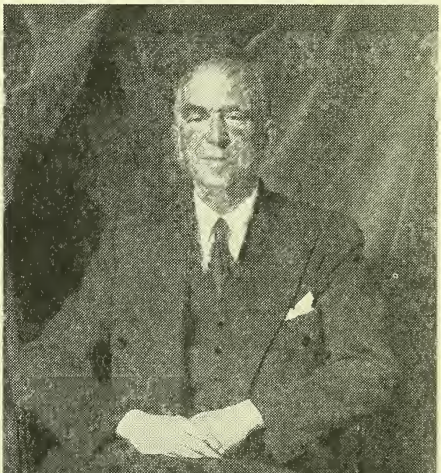
Edinburgh Chemists Act

Edinburgh chemists reported to the local Executive Council on June 22 that they refused to accept any reduction in their remuneration and agreed to give notice that they would terminate their contracts on July 1. Mr. J. C. Somerville, M.P.S., said that he did not think the chemists could accept the promises of arbitration. It was essential in negotiations in a trade dispute that the *status quo* should exist until such time as the discussions had been finally settled.

A CEREMONY AT WARE

Mr. F. Capel Hanbury, Ph.C., chairman of Allen & Hanburys, Ltd. receives his portrait in oils from colleagues throughout the world in recognition of more than half a century of service with the company.

At the Ware factory of Allen & Hanburys, Ltd., in the presence of 300 members of the company, the chairman of directors (Mr. F. Capel Hanbury, Ph.C.), was presented on June 24 with his portrait in oils. The portrait, which it is understood is to hang in the Bethnal Green headquarters of the company, was the work of Mr. James Gunn. With it went a handsomely bound volume containing the signatures of the 2,000 persons (directors, executives, representatives and staff from all over the world) who had contributed to the presentation.



The occasion was the completion by "F.C.H." of over fifty years' association with the company. Mr. B. V. Kent (chairman of the presentation committee) presided at the ceremony, and he was supported on the platform by Messrs. C. W. Maplethorpe (managing director), who made the presentation, and G. G. McIntyre, Durban.

Mr. Maplethorpe said that in the long history of A. & H., many men had won distinction in various ways, among them William Allen (first President of the Pharmaceutical Society) and Daniel Hanbury ("that famous pharmacognosist who . . . crowded so much original work into a short life").

The present chairman was distinguished in a different way. He had spent over fifty years faithfully serving their ancient firm and devoting to it all his energies and all his interest. As a young man he had travelled widely in the company's interest, but after the first World War—in which he had served in the Royal Engineers—he had returned to build up the factory at Ware. It was fitting that the presentation should be made to him there, because Mr. Capel Hanbury had been specially identified with the Ware Mills since 1919. He had seen it grow—in fact he had made it grow.

Acknowledging the presentation, Mr. F. Capel Hanbury spoke of his fifty-three years with the company. "My grandfather, Cornelius Hanbury, a doctor of medicine, and my father, Frederick Janson Hanbury, a pharmaceutical chemist," he said, "expanded the activities of the Plough Court pharmacy to such an extent as to make it necessary to find additional premises for manufacture, distribution and offices." Buildings were acquired in Bethnal Green in 1872, and the manufacture of pharmaceuticals rapidly increased, concurrently with the introduction of products such as cod-liver oil, pastilles, foods. "It is due to their foresight and willingness to take risks, while wholly dependent on their own resources, that the great expansion of the firm's activities in the field of pharmaceutical, surgical and dietetic products later took place."

By the 1890's, further expansion had absorbed all available capacity for production at Bethnal Green. After a long search for a suitable site for further expansion, the old flour mill at Ware, "a beautiful weather-board building astride the Lea," was acquired on a 100-year lease. From the business point of view the selection of Ware had been sound. It was readily

accessible from London. Its main industry was malt making, and malt entered in an important manner into many of the company's products. And it was the centre in East Hertfordshire and West Essex of good dairy farms, from which were drawn abundant quantities of milk for the manufacture of the milk foods.

Prior to 1940, the greater part of the company's pharmaceutical production had been carried out at Ware, while the greater part of its pharmaceutical research and development of the newer pharmaceutical products had taken place at Bethnal Green. After the bombing of 1940, pharmaceutical and chemical research and production had been transferred to Ware, and a significant and rapid increase in the scale of both those activities had taken place. During the same period the board had come to the conclusion that the company must abandon its exclusive concentration on the traditional pharmaceutical products and techniques and must enter the increasingly important field of pure organic chemistry and chemotherapy. A start had been made with a small chemical laboratory as an adjunct to the pharmaceutical research laboratory, but later on, when the new building became available, a series of independent chemical research laboratories had come into being. Those laboratories were now engaged on fundamental problems of chemotherapeutic research, particularly in the field of synthetic cardiotonics, synthetic curarising drugs and the pteridines. As a result of those activities a number of products had already been marketed, and new synthetic compounds of great potential value had been patented.

Mr. Hanbury concluded with a tribute to his present and former colleagues.

A SILVER ANNIVERSARY

To celebrate the silver jubilee of Johnson & Johnson (Great Britain), Ltd., the directors made presentations of gold watches to members of their staff, fourteen in number, who have served with the company for a quarter of a century, at a lunch held in their honour at Boulter's Lock, Maidenhead, on June 23. Mr. J. F. Brooke (managing director), who made the presentations, referred to the twenty-five years' progress of the company since it acquired, in 1925, the business of John Timson, who had served for a long time as agent of Johnson & Johnson, New Brunswick, New Jersey, U.S.A. The newly-formed company, Johnson & Johnson (Great Britain), Ltd., started, he said, with a small factory at Slough employing fewer than 100 people. In 1930 the new company was instrumental in investigating and founding Johnson & Johnson (Pty.), Ltd., Australia, and Johnson & Johnson (Pty.), Ltd., South Africa.

In 1933, Hughes Brushes, Ltd., was formed under the then name of Autograf Tooth-brushes, Ltd., for the manufacture of Tek tooth-brushes. In 1934 the company moved its manufacturing centre to Gargrave, Yorks. Subsequently they founded Johnsons Fabrics, Ltd., and Johnson & Johnson (Ireland), Ltd., and shared in the "birthpains" of Ortho Pharmaceuticals, Ltd., and Mersons Sutures, Ltd. In 1946 a new factory was opened at North Wales for sanitary towels, etc. Plans were afoot for another factory, warehouse and office.



GROUP AT PRESENTATION.—Front row: Mr. A. Lovell, Mr. L. Parker (a director), Miss E. M. Aslet, Mr. J. F. Brooke (managing director), Miss G. Auterac, Mr. P. S. Lowe (a director), and Miss D. Bott. Second row: Messrs. H. Briner, A. E. Leaver, A. J. Williams, F. Strange, E. G. Agnew and E. W. Haines. Back row: Messrs. D. Sherlock, A. J. Graves, A. Shea and A. Harding.

QUALITY SELLS

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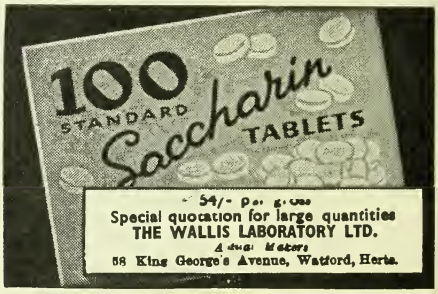
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Commons and Price Maintenance

Not too much significance need be attached to the voting figures in the recent debate on resale price maintenance, but it cannot be said, despite the hard work put in during the debate by Mr. H. N. Linstead and others, that the House has yet come to grips with the subject.

The President of the Board of Trade made it clear that he had taken no steps to initiate the debate. If his remark implies that he is open to be persuaded by arguments not put forward during the course of it, then that is all to the good. Far less reassuring is the threat contained in his observation that, were the present attitude of the trade ("a perfectly sincere attitude") maintained, the House "would be forced to the conclusion that effective action could not be taken without legislation."

The trade, if it is to be allowed to continue to conduct its affairs in an orderly fashion, has no choice but to "maintain its attitude." The "attitude" is, in fact, one that contains much of protection for the consumer—so much that any attempt to "ensure the best protection for the consumer" by abandoning it will be, not merely "not easy," as Mr. Wilson put it—it will be impossible.

Apart from the irrelevancies of speakers who seemed to think the debate concerned the pros and cons of proprietary medicines, the two most fallacious arguments advanced, it seems to us, were put forward by the mover (Mr. W. T. Williams) and Mr. Wilson himself. Mr. Williams argued that resale price maintenance served best the interest of the large concerns. Maybe he was thinking of the advantages that derive from mass buying. But that advantage has to do with the size of the order and not with the protection of the price. In a price-cutting market the advantage of the multiple is even greater—so great, in fact, that it enables the "big man" to undersell his smaller competitor right out of business, as used to happen in the days of what Mr. Wilson euphemistically called "price competition by distributors."

Allowing one retailer to charge a different price than another for the same branded article is not a proper form of price competition. Nevertheless a proper method does exist. It is for a second manufacturer to introduce the advantages of the too-costly branded article in a less costly branded article, or even—perhaps without advertising—in an unbranded alternative. Only those courses are fair to manufacturer, retailer and consumer alike.

The Minister's question "Why should not the small shopkeeper be free from time to time to reduce prices to the consumer without being faced with the Star Chamber methods of some of these price-fixing associations?" is fantastically wide of the mark. The Star Chamber denied justice to its victims, and often denied them life. The Proprietary Articles Trade Association and other bodies operating collective price maintenance have kept the small shopkeeper alive by administering a system that is just to all. Mr. Wilson's arguments, in fact, are only tenable by a person or Party bent on exterminating the small shopkeeper. But if that is his wish he was careful not to say so, though challenged by Mr. Linstead on the point. On the contrary, the Party he represents is avowedly hostile to monopoly, and loud in championing the "small man." For that reason Mr. Wilson should reject the Lloyd Jacob report, with its contradictions and non-sequiturs. He should study what actually did happen when price-cutting existed, and ask himself whether that chaos spelled "consumer's interest."

In enabling him to arrive at a decision chemists and all engaged in the trade can still help by losing no opportunity of forcefully presenting their case.

Kordofan Gum Acacia

CURRENT arrivals of gum acacia in Port Sudan are small, and it appears that most of the produce has been damaged by rain. Earlier in the season, when the first tapping began, arrivals were heavy, but shippers are now of the opinion that further supplies (second tapping) may cease completely in the course of a few weeks. The principal reason for the early pressure and later decline appears to be that cereal crops were poor, thus diverting labour to gum collecting; later, heavy rains occurred.

Arrivals of gum from April onwards have contained a considerable proportion of rain-damaged gum. Whereas, normally, heavy rain starts either in June or July and continues to the end of September, this year the heavy rain started about the middle of March and is held responsible for the reduced yield of the trees. Owing to the present control of export prices, buyers abroad have been resisting the market and making relatively few purchases. Prior to the war the majority of sales of acacia gum for export were made in the period from December to April. Recently, however, demand seems to take place at varied and unpredictable times. Last season it appeared that the largest proportion of export sales took place in the second half of 1949, and it is probable that a similar heavy demand for export will occur in the corresponding period of the current year. Buyers are recommended to insist on a guarantee in their contracts for the balance of the season that the gum shall be free from rain-damaged material.

The table gives the total monthly arrivals and exports for the period of December-April, inclusive, for the past four years and shows, at the same time, the carry-over at the beginning of December for each of those years, together with stocks on hand in the Sudan at the end of April.

MONTH	ARRIVALS 1946–47	EXPORTS AND LOSS* 1946–47	ARRIVALS 1947–48	EXPORTS AND LOSS 1947–48	ARRIVALS 1948–49	EXPORTS AND LOSS 1948–49	ARRIVALS 1949–50	EXPORTS AND LOSS 1949–50
	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS
DECEMBER ..	1,448	1,079	4,065	3,368	4,082	3,640	4,399	2,515
JANUARY ..	4,190	2,619	7,989	2,577	6,408	3,447	6,844	2,940
FEBRUARY ..	3,683	2,400	6,635	3,405	4,794	2,431	6,362	2,497
MARCH ..	3,755	2,913	5,597	2,587	4,085	3,617	5,244	2,997
APRIL	3,977	2,043	4,029	2,303	4,060	2,884	3,500	3,326
	17,053	11,054	28,315	14,240	23,429	16,019	26,349	14,275
CARRYOVER at DECEMBER 1	8,588	—	9,938	—	10,780	—	4,000	—
	25,641	11,054	38,253	14,240	34,209	16,019	30,349	14,275
STOCK in Hand at end April	1947 .. 14,587		1948 .. 24,013		1949 .. 18,190		1950 .. 16,074	

*A loss of 8 per cent. results from cleaning of the gum in the Sudan.

Shop Thefts: A Warning

THEFTS from pharmacists appear to be on the increase. Six instances reported are on page 3 of this issue, and it is to be noted that there are features common to them all. The booty is usually cameras, the *modus operandi* is smash-and-grab, and the raids occur at night or during the week-end. The morals are obvious. Of all the stock the modern pharmacy carries cameras are the obvious prey of the would-be marauder. They are small, expensive, readily disposed of, and afterwards not easily traceable. It is a common sense precaution, therefore, that they should be taken out of the window each evening and put in a safe place. The precaution is trivial compared with the dislocation, trouble and loss caused by shop-breakings.

CASCARA SAGRADA FROM BRITISH COLUMBIA



By JOHN DAVIDSON, F.L.S., Emeritus Professor of Botany, University of British Columbia

THE first commercial supplies of cascara bark appear to have been collected in the State of Oregon, U.S.A., and exported to manufacturers in the eastern States. Wasteful harvesting of the bark, however, so depleted the supplies that collectors had to go farther afield, where trees were smaller and more scattered.

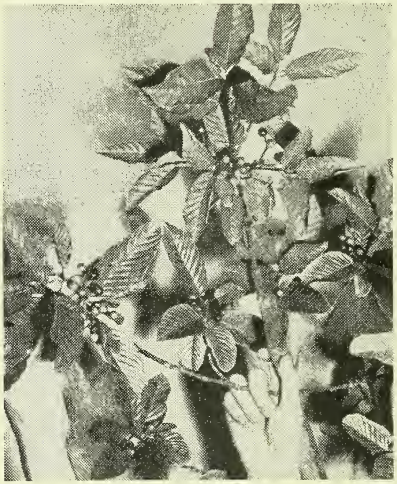
The cascara tree, *Rhamnus purshiana,* D.C., is indigenous to the Pacific northwest mainland and adjacent islands, from northern California to the vicinity of Prince Rupert on the northern coast of British Columbia. It has been recorded[1] from as far north as Cordova, Alaska, where it forms a dwarf, scrubby growth, but the principal location of the tree is to the west of the Coast and Cascade mountain ranges, though it is not unknown in more easterly sites in Idaho and Montana in the United States. In British Columbia the main stands, so far as is known at the present time, are (a) on land adjacent to the Straits of Georgia, on the west coast area of the mainland, and (b) on the east coast of Vancouver Island. Distribution of the tree in the Province, is, however, much wider, and as the tree becomes better known will probably be considerably extended.

Supplies of cascara from Oregon were frequently adulterated (probably accidentally) with bark from *Rhamnus californica,* Esch., the range of which extends from southern California to the Klamath region of Oregon. As the Oregon supplies diminished, Washington State became the main source of supply. *R. californica,* which has constituents that cause nausea, did not extend to that State, and Oregon distributors gladly accepted all cascara bark from collectors in Washington State until, by a continuation of the same methods of harvesting, supplies diminished as they had done in Oregon.

As early as 1915, agents went west to secure adequate supplies of bark for eastern U.S. manufacturing chemists. One agent, with an order for 400 tons, unable

to secure it in either Oregon or Washington, went north to British Columbia to have the order completed. Thereafter the province became an important source of supply. The greatest amounts have been obtained from the Lower Fraser Valley and tributary valleys and from Vancouver Island from around Cowichan to Campbell River.

The habit of *R. purshiana* is frequently shrublike, with several large branches arising near the ground. More often it forms a small tree 20 ft. or, rarely, 30 ft. in height and having a diameter of 12 or 15 in., though occasionally attaining twice that diameter. The young branches vary in colour from purplish - brown to reddish-brown often resembling those of the red alder. The bark of young trunks varies from dark grey to almost black, with lengthwise stripes or fissures; somewhat resembling young trunks of broad-leaved maple (*Acer macrophyllum*). The inner surface of the bark when freshly peeled is of a bright yellow colour, and it becomes dark brown on exposure to light and air. The cascara is the only deciduous tree in British Columbia whose buds are not covered by bud-scales. The young leaves have a fine coat of rusty brown hairs on the under surface, and these hairs serve the purpose of bud-scales in protecting the leaves in the bud. In the winter, therefore, the tree can be identified by its buds alone. The leaves may easily be recognised from the illustration; the beautifully regular, prominent veins, and the finely serrated margin are characteristic. Young trees of cascara frequently retain their leaves throughout the winter, especially in sheltered situations. The small, greenish flowers are borne in clusters near the ends of branches, and are followed by beautiful black berries, attractive to birds.



Cascara leaves have a finely serrated margin and regular, prominent veins. The black berries are attractive to birds.
(Photographs, "Vancouver Sun").

For seventy-two years the west has been supplying thousands of tons of cascara bark, apparently assuming that the active principle is only found in the bark; but in 1923 one of the important discoveries made during the researches of Clark and Gillie[2] at the University of British Columbia was that it was also contained in the wood. It is estimated that the average yield of bark per tree is 10 lb.; occasionally, a large tree with thicker bark may yield as much as 200 to 300 lb., but many of the trees which have been "peeled" yield less than 10 lb. This means that, for every ton of bark, 200 trees have been killed. Thus, to supply the average annual requirements of cascara, 300,000 trees are destroyed each year. Not surprisingly the resources of Oregon, Washington and latterly British Columbia have become rapidly depleted during the past sixty-five years.

In a recent reconnaissance survey (1940) of the cascara resources of the Coast of British Columbia, undertaken on behalf of the Forest Branch, Victoria, Mr. A. B. Anderson[3] estimates that 90 per cent. of the original stand has been stripped and destroyed, the major part of it since 1914. During the eight-year period 1914-1922, one-and-a-half million pounds of bark were stripped and shipped from a limited area in the Fraser Valley. In other words, 150,000 trees were killed in that area alone from the ruthless and wasteful method of securing the bark. Today, in clearing land in the Coast area for agricultural purposes, cascara trees are cut along with maple, willow, and other species, and the whole piled and burned.

Value Not Appreciated by Settlers

If the settlers understood the value of the bark it would be saved and sold. Similarly, in clearing land in towns and cities for building purposes, many cascara trees are destroyed without use being made of the bark. On one site, measuring 140 ft. by 110 ft., ninety-four cascara trees were burned. The bark on those ninety-four trees was estimated to be worth about $80. For the past seventy-two years the usual

method of harvesting the bark has been to run an axe or similar implement lengthwise through the bark, insert the edge of the tool under the cut, and strip the bark from the base as high as it could be pulled off the trunk. This invariably results in the death of the tree through starvation of the roots. The writer has seen many hundreds of stark white skeleton trunks of cascara trees left to die and rot as a result of this method of harvesting the bark, a method which is entirely responsible for the rapid depletion of the north-west resources. Furthermore, since it has been discovered that an equivalent weight of wood contains about 50 per cent. of the drug content of the bark and, at a conservative estimate, there is about 10 lb. of wood left to rot in the forest for every lb. of bark taken from it, the total loss is equivalent to five times the amount collected. In other words, 25,000 trees would have sufficed to supply the same amount of medicine as 150,000 trees have been stripped to provide. The advisory subcommittee on medicinal and drug plants of the Provincial Department of Agriculture, of which the author is chairman, has endeavoured to persuade the British, Canadian and United States authorities to amend pharmacopœial monographs so as to include the wood along with the bark, as a source of extract of cascara. American exporters oppose this.



The wasteful method of peeling bark from a standing tree. This method, now illegal, was to run an axe or knife lengthwise through the bark; the edge of the tool was then inserted and the bark stripped from the base to as high as it could be pulled from the trunk. The trunk shown is that of an undersized tree.

Alternative to Stripping

Stripping the bark off standing trees must therefore cease. If the tree is cut down to within one foot of the ground, new shoots sprout from the stump, and these in from three to four years produce flowers and berries on which the birds feed and disperse the seeds throughout the region. For some years an Order in Council has regulated the cutting of cascara bark in British Columbia. Organised gangs of collectors are discouraged. All persons who wish to harvest the bark from Crown Lands must obtain a permit, which is issued subject to the conditions (*inter alia*) that all trees must be felled prior to peeling, and that every precaution must be taken to prevent injury to small sprouts growing below the stump line. Buyers of bark must keep records of details of quantities purchased.

It has been found that the effectiveness of the extract depends on how the wood is prepared. For example, one tree had bark that gave an extract of 70 per cent. efficiency; coarsely ground wood of the same tree gave an extract of 56 per cent. efficiency; finely ground wood of the same tree one of 75 per cent. efficiency—in this instance higher than that obtained from the bark. The important point is the difference of nearly 20 per cent. between coarsely and finely ground woods of the same tree. Suitable machines have been found for reducing the cascara logs—wood and bark together—into fine sawdust, or small, thin flakes. To make the maximum use of British Columbia resources, it is therefore suggested the tree when felled should have the trunk and larger branches cut to convenient lengths (say 4 ft.) and shipped to the factory with the bark adhering.

Drug farming in British Columbia would provide interesting and profitable employment for many families, some of whom find difficulty in maintaining an existence on their land under present conditions. The first aim, however, should be to ensure a perpetual supply of cascara.

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[1] Starker, T. J., and Wilcox, A. R. L., "*American Journal of Pharmacy*," 1931. **103**, 2 *and* 2.

[2] Clark, R. H., and Gillie, K. B., "*American Journal of Pharmacy*," 1924. **96**.

[3] Anderson, A. B., (Unpublished MS). (1941). Report to Forest Branch, Provincial Department of Lands, Victoria, B.C.

RESALE PRICE MAINTENANCE DEBATE

Mr. W. T. Williams in the House of Commons on June 16, on a private members' motion (see *C. & D.*, June 24, p. 786) welcoming the report of the committee on Resale Price Maintenance, urged the Government to take all action open to them to deal with the problem. He said the sanctions in force for ensuring price maintenance were contrary to good government. The threat of stopping supplies, linked with a sales contract enforceable at law, was a powerful weapon in the hands of any manufacturer. The only effective guarantee of quality lay in some form of Government branding. Resale price maintenance subsidised inefficiency and helped towards the creation of monopolies. It served best not the interests of the small man, but of large concerns. It was not right that semi-monopolies should exercise extra-legal rights of enforcement and that the consumer should be held up to ransom.

Power of P.A.T.A.

Mr. P. Daines seconding, said that the most powerful example of collective price enforcement was the Proprietary Articles Trade Association. Its protected list for 1947 contained no fewer than 2,000 articles, covering 90 to 95 per cent. of nationally owned medicines, and 70 to 75 per cent. of the trade in baby foods and toilet preparations. If any attempt were made by the chemist to sell at below the listed price, a stop list on all of the 2,000 "protected" articles was operated.

Mr. H. N. Linstead said that the modest prosperity of the retail drug trade today had enabled that trade to take over the responsibility of the pharmaceutical service under the National Health Service. He did not see how anybody connected with the industry could sustain the argument that branding had no relation to quality. If there were evils connected with the "patent" medicine trade, they were evils connected with the type of advertising, and in general with the quality of the goods. The public preferred fixed prices for identical goods, and there was no evidence that maintained prices were excessive. Price-maintenance schemes had brought stability and prosperity to industries and trades that had been in a perilous condition before price maintenance was introduced. The system ensured a stable home market on which a manufacturer of branded goods could build his export market. Th argument was advanced that price main tenance enabled inefficient distributio units to function. The opposition believe that the small shopkeeper was needed, no merely as a unit in retail distribution, bu as an element in the life of the community

Exaggerated Claims

Captain W. J. Field, dealing particularl with the marketing of proprietary medi cines, sought to show that indiscriminat trading in those goods might be detri mental to national health. There wer signs, he said, that the selling of suc articles would come into conflict with th National Health Service, that the manu facturers of branded articles often mad greatly exaggerated claims as to their effi cacy, that the goods were sold at greatl inflated prices, and that the whole traffi in proprietary medicines was bolstered up and kept going by the present system o resale price maintenance. Resale price maintenance kept prices up rather than down; retailers and consumers had no say in the fixing of prices, which was solely in the hands of manufacturers. He had looked in vain through the references to the P.A.T.A. in the Lloyd Jacob report and elsewhere for a hint that the Association controlled in any way the standards of the articles manufactured by its members. "Indeed I am of opinion that as the law stands at the moment it is harder to control the pharmaceutical standards and pharmaceutical content of branded and proprietary medicines than of their British Pharmacopœia equivalents."

Mr. Linstead interrupted to say that the machinery was precisely the same on all those articles.

Captain Field quoted a number of advertisements of proprietary medicines. It was a great shame that in that traffic, he said, manufacturers should be aided and abetted by the pharmaceutical profession, an honourable profession. At the best the public could only consume large quantities of medicines that were probably harmless but inefficient, and at the worse there was in many cases a delay in seeking skilled advice which might make the difference between life and death. The chemist was so tied down by restrictions and controls that he lost all his professional initiative and that professional discipline which the

pharmaceutical profession claimed to be competent to exercise for itself.

Moving the opposition amendment that resale price maintenance had a valuable function under proper safeguards, and that the problem over the industry, whether nationally or privately owned, should be handled by the monopolies commission MR. J. RODGERS regretted that the debate had been degraded into a "cheap attack on patent medicine advertising." If there were no resale price maintenance, traders in this country would be plunged once more into a system akin to that of the Eastern bazaars. Without some basic price standardisation and some system of branding, and without the system of advertising, it was impossible to secure the most economic production or the most economic distribution of many commodities.

President Replies

MR. HAROLD WILSON (President of the Board of Trade) declared that he was supposed in certain sections of the Press to have taken steps to initiate that debate. That was incorrect. He would have liked another two or three weeks in which to work on some of the suggestions put forward. He had sent a letter and questionnaire on December 1, 1949, to all known collective price maintenance associations asking them whether they were or were not in favour of price competition by distributors and whether they had abandoned or modified or intended to abandon or modify any of their resale price maintenance practices in the light of the statement he had made in the House six months earlier. Out of eighty-four collective price maintenance associations circularised, only one association had made or was making any change in its collective price maintenance arrangements. He believed the present attitude of the trade was a perfectly sincere attitude, but, if it was maintained, the House would be forced to the conclusion that effective action could not be taken without legislation. It would not be easy to draft legislation to ensure the best protection of the consumer. The recommendations of the Lloyd Jacob report drew a distinction between resale price maintenance practised by individual manufacturers and resale price maintenance carried on by collective price-maintenance associations. He had no doubt that the Committee were partly affected by considerations not entirely within the field of distribution. Indeed there had been some evidence available that some of the cases where the consumer was perhaps harmed related to the individual rather than the collective withholding of supplies. In his view, it was possible to have the advantages of branding over a considerable field without necessarily backing it up by price maintenance so far as minimum prices were concerned. There was no question of there being in Government policy any proposal for the nationalisation of the retail trade. But if the small shopkeeper was so important to the economic and social life of the country as was suggested, then why should he not be free from time to time to reduce prices to the consumer, without being faced with the Star Chamber methods of some of these price-fixing associations?

FIFTY YEARS AGO

A Venerable Druggist

(From the C. & D., July 7, 1900)

MR. ARTHUR ALBRIGHT, of Edgbaston, Birmingham, senior partner of the firm of Albright & Wilson, phosphorus manufacturers, Oldbury, died on July 3, at the residence (in Cheyne Walk, Chelsea) of his son-in-law, Sir C. C. Scott-Moncrieff, K.C.M.G. Mr. Albright, who had reached the patriarchal age of eighty-nine years, was a native of Charlbury, in Oxfordshire. He was apprenticed to his uncle, a chemist in Bristol, and in 1834 went to Birmingham as assistant to Messrs. T. & W. Southall (now Southall Brothers & Barclay, Ltd.), Bull Street. He remained there about a year when, on account of ill-health, he returned to Charlbury and established a drug business, which is still in existence. In 1830 he again drifted to Bristol, but in 1840 settled permanently in Birmingham, entering into partnership with his brother-in-law, Mr. Edmund Sturge, as manufacturing chemists in Wheeley's Lane. In 1844 the firm began the manufacture of phosphorus at Selly Oak, and in 1851 the works were removed to Oldbury, where the manufacture of milk of sulphur was added to the business. The partnership was dissolved four years later, and in 1857 Mr. John Edward Wilson became a partner, and since then the business has been known as Albright & Wilson. Eight or ten years ago it was converted into a private company. Mr. Albright was particularly associated with the development of amorphous phosphorus, used for safety-matches.

RADIOISOTOPES FOR MEDICINE PRODUCED IN THE HARWELL LABORATORIES



A process in the production of radioactive gold.

A member of the editorial staff of "The Chemist and Druggist" visits the Ministry of Supply's Atomic Energy Research Establishment, Harwell, Berks.

Of the sections of the Ministry of Supply's Atomic Energy Research Establishment, Harwell, Berks, that were shown to visiting members of the technical Press recently, the radio-isotopes laboratory was perhaps the most directly connected with pharmacy, for there radioactive isotopes prepared in the Harwell pile are processed for "dispensing" to hospitals and other institutions. The laboratory is producing principally phosphorus 32 ($\frac{1}{2}$ to 1 curie per week), iodine 131 ($1\frac{1}{2}$ curies per week), and gold 198 ($\frac{3}{4}$ curie per week). Sodium 24, cobalt 60 and iridium are also made. Most of the products are used medicinally. During the past eighteen months deliveries of isotopes have increased from 150 to 550 a month, and now the laboratory is finding difficulty in keeping pace with demands.

The Radiochemical Laboratory building, of which the isotopes laboratory is part, was built to a model exhibited at the International Chemical Congress, 1947, (see *C. & D.*, 1947, **148**, 226). Before being admitted through the double door "trap" to the "active" section of the building, visitors put on overshoes and white coats (taking them off before leaving) to prevent the possibility of their carrying away particles of radioactive substances out on their shoes or clothing. The isotope laboratory (to which the visitors were first taken) is designed for handling activities of the order of 1 to 10 curies. All active material is handled in fume cupboards with a fast flow of air passing through them. No eating or smoking in the laboratories is allowed. Those precautions cut down the risk of ingesting or inhaling radioactivity—the workers' most serious hazard. Protective white clothing, shoes and rubber gloves are always worn in the laboratory. If any becomes contaminated it can be quickly changed. For protection against gamma rays, walls of interlocking lead bricks, usually 2 in. thick, are built round the apparatus. The chemical operations have to be carried out remotely, and may only be observed through mirrors which do not reflect the rays. Energetic beta rays in even large amounts, however, are absorbed by $\frac{1}{2}$-in. perspex sheeting, which consequently is placed round all apparatus, etc., containing more than a few millicuries of beta active material. All gamma-ray emitting substances (radium substitutes) are stored in lead safes.

Separating the Isotopes

For processing, the irradiated isotope-containing material arrives from the pile (situated in an adjacent building) by special car. Phosphorus 32 is separated from blocks of sulphur that have been treated in the pile, and the resulting phosphoric acid dispensed in solutions of *p*H 3.

Iodine 131 is prepared by irradiating tellurium in the pile. The stages are $^{130}Te \longrightarrow {}^{131}Te \longrightarrow {}^{131}I$. It is produced as iodate in batches 0.5 curies. The iodine first obtained is re-distilled and absorbed in alkaline sodium bisulphite. All isotopes for medical use are issued spectrographically pure—it being particularly important, the chief chemist pointed out, to ensure that iodine 131, for example, should be free from tellurium.

In the "heavy beta wing," approached through automatically opening doors (to avoid contamination), the work includes processing of plutonium produced in the pile. The laboratories are equipped for handling sources of about 100 curies beta and gamma activity, and are safe for operators to work in for eight hours a day.

The Pile

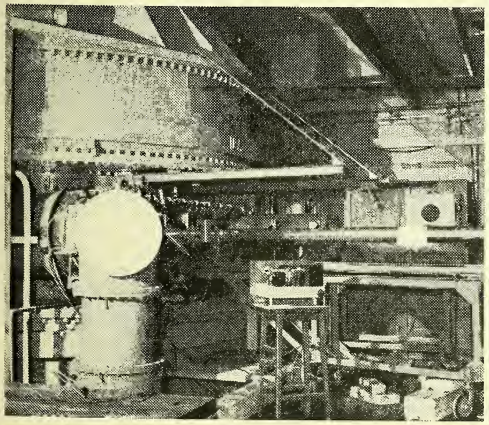
Press visitors were allowed to inspect closely the exterior of the British experimental pile (B.E.P.O.), except for seeing the arrangement of the uranium rods which were covered by a curtain for the visit. A demonstrator showed how a beam of neutrons proceeding from one of the forty experimental holes in the concrete shield of the pile may be diverted with a cell of water or absorbed by cadmium. The pile is controlled by a panel arranged like the console of a cinema organ. The pile is being used mainly for the production of radio-isotopes, studies of the effects of neutrons and gamma rays on material, and experiments in nuclear physics.

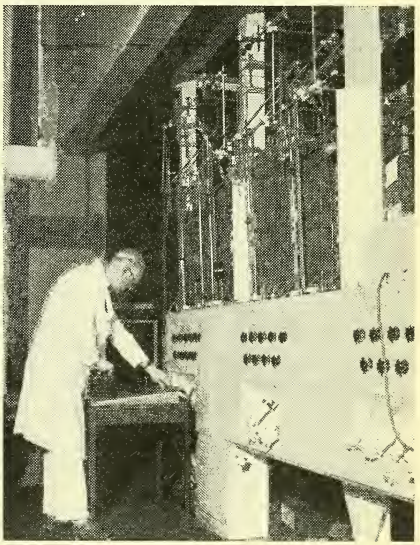
Cyclotron

The Harwell cyclotron, the most powerful atom-splitting machine operating in Britain, was approached by a stairway and tortuous passage leading to an underground room surrounded by 6 ft. of reinforced concrete in which the machine is situated. The machine is remote-controlled. Used for research in nuclear physics, it is a particle accelerator, and produces streams of particles (at present, protons), which are accelerated in a vacuum in a number of steps at a few thousand volts between the poles of a large D-shaped electro-magnet (the "Dee").

Sir John Cockcroft (director of the establishment) addressed the visitors. He pointed out the need for studying the chemical conditions inside the pile, as it had been found that chemical reactions occur more readily there. For example, graphite oxidises more readily and if, for example, a mixture of benzene and water is irradiated, a number of complex molecules, including phenoldihydro-oxybenzene, are produced. Quartz exposed within the pile is turned into glass, and diamonds become coloured. A Van de Graaff generator and a linear electron accelerator had been installed in the Establishment.

Below: A view of the cyclotron showing the long tube down which the particles to be studied are directed. Right: Inside the "heavy beta" wing. The chemist, wearing protective clothing, is making a measurement electrically behind a 4 in. lead wall.





RECENT DEVELOPMENTS IN PERFUME MATERIALS

By H. J. Strausz, D.Ph., M.A., F.R.I.C.

Concluded from THE CHEMIST AND DRUGGIST, *June 24, p. 849*

Citral-diethylacetal has a lemon-like odour, much milder than that of citral. It is used in eau de Cologne and to give a lemony top-note in certain fancy perfumes. b.p. 140-142°/ 15 mm.

Citronellyloxyacetaldehyde - diethylacetal possesses a strong and pleasant rose-like odour of great tenacity. The corresponding rhodinol compound (b.p. 112-116°C. /5 mm.) has a similar but more distinct rose-like odour.

n-Heptylaldehyde-diethylacetal has a pleasant refreshing leaf odour. It is employed in clover and orchidée perfumes. b.p. 86°/10.5 mm.

n-Decylaldehyde-diethylacetal is said to have a peculiarly fresh aldehydic note and to be longer lasting in some modern perfumes than the parent aldehyde. b.p. 133.5°/14 mm.

Benzaldehyde-dimethylacetal has a fine bitter-almond-like flowery odour, milder than that of the aldehyde. It is used in cherry blossom and narcissus perfumes. b.p. 145°/13 mm.

Anisaldehyde-dimethylacetal has a fine heliotrope-like odour and is stated to be very useful in heliotrope, cyclamen, lilac and other floral perfumes. b.p. 253°/ 764 mm.

∝ - *n - Amylcinnamaldehyde - di-methylacetal* has a strong jasmine-like odour recalling that of Philadelphus jasmine, tenacious and very stable in soaps. b.p. 102°/5 mm.

Hydroxycitronellal - ethylmethylacetal is said to have a tenacious lemon odour. b.p. 129-130°/6 mm.

Hydrotropic aldehyde-dimethylacetal has a fruity lilac note softer and finer than that of the parent aldehyde. Very useful in lilac perfumes. b.p. 105-110°/1.5 mm.

Phenylacetaldehyde - dibenzylacetal is said to have a deep floral note recalling that of the parent aldehyde, but of greater tenacity, more delicate and finer. Useful in lilac and lily-of-the-valley perfumes. b.p. 180-220°/1 mm.

Phenylacetaldehyde-1:2-dihydroxybutaneacetal has a hyacinth odour, b.p. 107-110°/5 mm.

Phenylacetaldehyde-ethyleneglycolacetal possesses a pleasant and distinct roseleaf odour, b.p. 77°/1 mm.

Phenylacetaldehyde - methoxypropyleneglycolacetal has a pleasant flowery and persistent odour of hyacinth. b.p. 126-127°/ 3.5 mm.

Phenylacetaldehyde - 2:4 - dihydroxy - 4-methylpentaneacetal has a pleasant and characteristic *Reseda* (mignonette) odour. b.p. 110-115°/5 mm.

∝ - *Phenylpropionaldehyde - ethyleneglycolacetal* has a delicate and agreeable odour of champignon mushrooms. b.p. 106-108°/5 mm.

Cinnamaldehyde-ethyleneglycolacetal has a sweet and natural odour of canella oil and is stated to be highly aromatic, recalling the odour of cinnamon and clove simultaneously. It is said to be useful in Eastern bouquets. b.p. 140-145°/ 5 mm.

New Fixatives

The idea that the fixation of perfume odours is due to the high boiling-point and slow evaporation rate of the fixative has led to the discovery of odourless or almost odourless bodies for which high fixative power in perfumes is claimed. In 1949, two new fixatives have been launched under proprietary names. One of them, Ambrette 81 (Usines de L'Allondon, Geneva), is claimed to be an improving and softening agent for industrial spirit and to shorten considerably the time of maturing of alcoholic perfumes, Colognes and lotions. The other, Immersion Fixators (Stanley Nicholas & Co., London) is available in six different odours for the fixation and stabilisation of Cologne, lavender, floral bouquet, violet, leather and aldehydic types of perfumes. The fixatives are clear, slightly viscous liquids. It is claimed that they stabilise for a long time the initial odour of a perfume and are specially recommended for use in toilet soaps and perfumes for cosmetics. According to "La Parfumerie Moderne" (September-October, 1949 p. 72), the Societé des Usines Chimiques produces on a commercial scale a new macrocyclic ester (or ketone?) with a strong and pleasant Tonquinmusk-like odour under the proprietary name Musk B.R.B. Extraordinary fixative power is claimed for the product.

Moncrieff ("La Parfumerie Moderne," September-October 1949, p. 29), gives the following postulations for a good fixative: Low vapour pressure; carbonyl groups; property of forming odorous complexes with more volatile constituents; no unpleasant odour.

IMPORTS INTO INDIA

In response to a request Mr. E. A. Baldock (secretary of the Pharmaceutical and Allied Manufacturers' and Distributors' Association, Ltd., Bombay) has outlined the current import position in India so far as drugs and medicines are concerned. Mr. Baldock says that the import policy introduced in August 1949, when open general licence was cancelled, has necessitated import licences being obtained to cover all imports, and in the case of drugs and medicines further restrictions have been imposed in that imports are confined to a limited number of items fixed by Government. The accepted items or categories of items, as the case may be, are less than three hundred in number. The import licences, with few exceptions, are valid for six months only, and are issued biannually to cover the January-June and July-December import periods, respectively. Applications for a specific import period are normally invited during the first month of that period, but in the past licences have not been made available to importers until the major portion of the period has elapsed. However, the licences are valid for six months from the date of issue, irrespective of the import period under which they are granted. These delays have had the close attention of the Government, and remedial action is now being taken with considerable success.

Issue of Quota Certificate

For the purpose of issuing licences to established importers, documentary proof of the value of imports during any best year between 1937-38 and 1947-48 is called for, and on acceptance, a quota certificate on this basic year is issued. Thereafter, varying percentages of that quota certificate value are fixed for each individual import period. An indication of the percentages now prevailing so far as general drugs and medicines are concerned is as follows:—

Area	Percentage	Import Period
Dollar Area	25	January-June, 1950
Soft Currency Area	40	January-June, 1950
Switzerland	50	July-December, 1949

These percentages apply to general drugs and medicines only, but specific items, e.g., gums, resins, cod-liver oil, industrial chemicals, sulphur, soda ash, etc., are classified separately and allotted quotas.

Trade between India and Switzerland is governed by the Indo-Swiss Trade Agreement, which has now been operating for some considerable time. The figure of 50 per cent. quota stated above was applicable to the July-December 1949 import period, no later figures having been published as yet. However, it is understood that a similar monetary ceiling has been fixed for the current period, and an equal quota percentage may be allowed.

Decentralisation Policy

More recent developments, details of which have been announced by the Government of India, indicate that an attempt is being made by Government to decentralise the issue of import licences, and the Import Trade Controllers at ports are to be authorised to issue licences for various items. This may lead to more prompt disposal of licence applications.

The stringent import policy enforced over the past twelve months has led to the gradual depletion of stocks of drugs and medicines in India. The acute shortage of penicillin, to quote one of many essential drugs, has recently become so apparent that the Government liberalised its import policy in respect of this item and granted generous licences to all importers in India to ease the situation. The Government has also stated that some liberalisation of import policy will be made in respect of para - amino - salicylic acid, anti - leprosy drugs, insulin, sulphonamides and arsenicals of the neoarsphenamine and allied types, and applications for special licences have been invited. The overall position, therefore, shows a tendency towards general improvement but on no standard can the present import policy be regarded as easy.

New Vitamin Charts.—Charts in folder form 10¾ in. x 8½ in., for use by dieticians, catering officers, domestic science teachers and others, showing in colour the vitamin and mineral contents of, respectively, meat and fish, dairy produce, cereal foods, and vegetables and fruit have just been issued by Vitamins, Ltd., Upper Mall, London, W.6. Each contains general dietetic notes on the particular foods dealt with, and the chart on meat and fish gives a comparison on the protein quality of beef, oatmeal, cheese, egg, fish, and Bemax. Copies may be obtained on application to the company, price 8d. each, post free.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grad

28 Essex Street, W.C.2, June 28

MARKETS generally have seen moderate activity and prices have been well maintained. Supplies of PHARMACEUTICAL and FINE CHEMICALS have been moving well in export markets but home-trade demand has been quiet. As was expected the increased cost of PHENOL has been responsible for a decision to raise prices of ASPIRIN, SALICYLIC ACID and SODIUM SALICYLATE, all of which are increased by one penny per lb. from July 1. ASPIRIN TABLETS are dearer by one penny per 1,000. Other price changes in chemicals have been few and have included a rise of three pence per ounce in the rates for QUINIDINE ALKALOID and SALTS. Inquiry for CRUDE DRUGS has been disappointing, but prices have been fairly well maintained.

Rhubarb Now Available

It is reported that a parcel of good-quality Chinese rough-round RHUBARB is now offering on the market at 10s. per lb., duty paid. Cape ALOES is a firm spot market and there are still few offers from origin. No offers of ERGOT have been made from either Portugal or Russia. A parcel of Portuguese material is now landing, and there is a small quantity of f.a.q. Russian available on the spot. Forward prices for new-peel CASCARA SAGRADA are lower. Colombian IPECACUANHA is dearer from origin. There are no offers of Tinnevelly SENNA LEAVES on the spot; Indian prices are reported one halfpenny per lb. up on former quotations; Alexandrian PODS are in good inquiry, but no supplies of good-quality material are available. In SPICES, prices of PEPPER continued to decline until news was received from India that an export tax of 30 per cent. *ad valorem* on the basis of real value had been imposed, when the market made a rapid recovery; at present all prices are nominal. A fair business is reported in Zanzibar CLOVES. West Indian MACE is slightly firmer. GUMS have been quiet; KARAYA is firm with spot supplies scarce. WAXES generally have been firm markets. Supplies of CARNAUBA are scarce and offers from origin are very few. The London SHELLAC market has been firm but business has been desultory; spot quotations are little changed. In ESSENTIAL OILS the market for LEMON continues firm in tone with forward prices dearer on the week. The last Sicilian lemon crop was below average and supplies of oil at source are reported short. Bourbon GERANIUM is a firmer market. Chinese PEPPERMINT on spot began to decline but later recovered, though demand is small; it is said that difficulty is being experienced in shipment of oil from Shanghai.

U.S. Drug and Chemical Repor

New York, June 2

IN view of the hardening trend in mos basic chemicals the PHARMACEUTICAL an FINE CHEMICALS market has displayed steady to firm tone. Consumers are bu ing fair quantities of CAMPHOR tablet and prices are fully maintained at pr vious levels. Demand however for MEN THOL is rather quiet; spot quotations from $11.90 to $12 per lb. would, it i thought, be shaded owing to the larg quantities reported available from Chin In CRUDE DRUGS, prices of PAPAIN hav risen sharply—Ceylon is quoting up t $2.15 to $2.25 per lb. and, in the con tinued absence of offerings from Africa it is believed that prices will advanc further. Demand for GUM ACACIA has bee rather more active, both for the ribbo and flake materials. BELLADONNA LEAVE on the spot are said to be easier owing t a good stock position and the approac of the collecting season in Europe QUILLAIA BARK and ERGOT continue firm CARNAUBA WAX prices are well above thos quoted a few weeks ago, but the genera outlook remains uncertain; Brazilian price are also tending upward and according t reports some wax remains to be brough forward against recent barter deals in th primary centre. Activity in ESSENTIA OILS is fluctuating but prices are withou material alteration. Italian LEMON OI offerings are limited and shipping price are fully maintained at the recent advance level. New-crop MINT OILS are not ex pected to bring about a decline in prices SPEARMINT is dearer at $3.35 per lb., whil new-crop PEPPERMINT is expected to com mand not less than $6 per lb. CLOVE OI has advanced by 5 cents per lb., LEMON GRASS and Spanish ROSEMARY are easie markets.

Pharmaceutical Chemicals

ACETANILIDE. — Crystals are quoted a from 2s. 1½d. to 2s. 6½d. per lb.; powder is from 2s. 2½d. to 2s. 7½d. per lb.

ASPIRIN.—Increased by one penny per lb from July 1. New home-trade rates are 3s. 8½d. per lb. in 10-cwt. lots, and 3s. 10d. in 1-cwt. lots. Schedule rates per lb. for quantities of 28-lb. and under 1-cwt. are: 4s. 9d. (1-lb. containers); 4s. 8d. (2-lb.); 4s. 7½d. (4-lb.); 4s. 6½d. (7-lb.); 4s. 6d. (14-lb.); 4s. 5d. (28-lb.) net one month. Tablets are increased by 1d. per 1,000. Rates per 1,000 for bulk supplies are: Under 5,000, 4s.; 5,000 and over, 3s. 10d.; 10,000, 3s. 9d.; 25,000, 3s. 7d.; 50,000, 3s. 6d.; 100,000, 3s. 5d.; 250,000, 3s. 4½d.; 500,000, 3s. 4d.; 1,000,000, 3s. 3d.; 2,000,000, 3s. 2d.

BARIUM SULPHATE (*x*-ray). — Prices are unchanged; 1 cwt., 1s. 3d. per lb. Scheduled rates per lb. (containers in brackets), for quantities between 28 lb. and 1 cwt. are as follows: 1s. 8d. (1-lb.); 1s. 7d. (2-lb.); 1s. 6½d. (4-lb.); 1s. 5½d. (7-lb.); 1s. 5d. (14-lb.); 1s. 4d. (28-lb.).

BENZENE.—B.P.C. grade is quoted at 7s. per gall.; thiophene-free, 9s. 6d. per gall.

BENZOIC ACID. — B.P. quality is quoted from 2s. 4d. to 3s. 2d. per lb.; the SODIUM SALT is from 2s. 2d. to 3s. per lb.

BENZYL BENZOATE. — Makers offer B.P. grade at from 4s. 3d. to 5s. per lb.

BETANAPHTHOL.—Steady. Makers quote prices from 2s. 9½d. to 3s. 1½d. for B.P. quality packed in 28-lb. packages.

BISMUTH SALTS.—Rates for CARBONATE are as follows:—

QUANTITY	CONTAINERS		
	1-lb.	7-lb.	28-lb.
	s. d.	s. d.	s. d.
1 cwt.	17 5	17 2½	17 1
28 lb.	17 8	17 5½	17 4
7 lb.	19 3	19 0½	—
4 lb.	19 11	—	—
1 lb.	20 6½	—	—

CITRATE is 3s. 3d.; SALICYLATE, 2s. 6d.; SUBGALLATE, 2s. 2d. and SUBNITRATE, 2s. 1d. per lb. less than above rates.

BORAX.—Steady. Rates for B.P. quality in 1-ton lots and upwards are as follows:—Granular, £44; crystal, £46; powder, £47; extra-fine powder, £48 per ton; in 1-cwt. bags, carriage paid, Great Britain. Surcharges for small quantities are as follows:—Less than 1 ton but not less than 5 cwt., 1s. per cwt.; 3 cwt., 2s.; 1 cwt., 3s. to 5s.; less than 1 cwt., 5s. to 10s. per cwt. more than above rates.

BORIC ACID.—Steady. Rates for B.P. quality in 1-ton lots and upwards are as follows:—Granular, £75 10s.; crystal, £81; powder, £78 10s.; extra-fine powder, £80 10s.; small flake, £94 per ton; in 1-cwt. bags, carriage paid, Great Britain. Surcharges for smaller quantities are as follows:—Less than 1 ton but not less than 5 cwt., 1s. per cwt.; 3 cwt., 2s.; 1 cwt., 3s. to 5s.; less than 1 cwt., 5s. to 10s. per cwt. more than above rates.

BUTOBARBITONE. — Makers' prices for small quantities are from 73s. per lb.

BUTYL CHLORAL HYDRATE. — Merchants are asking from 17s. 6d. to 20s. per lb., as to quantity.

CHLORAL HYDRATE. — Current rates per lb. for the home trade are: 1-cwt. lots, 4s.; 56-lb., 4s. 2d.; 28-lb., 4s. 4d.

CITRIC ACID, B.P. — Makers quote 1s. 5½d. per lb., less 5 per cent. for 1-cwt. lots, delivered in the U.K.

GLYCEROPHOSPHATES. — In the home trade, CALCIUM, B.P.C., is 10s. 3d.; IRON POWDER, B.P.C., 11s. 6d.; MANGANESE, B.P.C., 22s. 9d. per lb., in 1-cwt. lots or over.

GUAIACOLS.—Liquid is quoted at from 15s. 6d. to 17s. 6d. per lb.; and crystal and carbonate, from 15s. to 16s., according to quantity.

HYDROCYANIC ACID. — B.P.C. (Scheele's) is quoted at from 1s. 5½d. per lb. and B.P. at 1s. 1½d. per lb.

HYOSCINE HYDROBROMIDE. — Quotations are from 100s. to 115s. per oz., according to quantity.

ICHTHAMMOL.—In drums, quotations are from 3s. 6d. to 3s. 9d. per lb.; in 28-lb. tins 4s. 2½d.; in 7-lb., from 4s. 3d.; and in 1-lb. tins, from 4s. 6d. to 5s. per lb.

IODOPHTHALEIN. — Quotations are from 52s. 6d. to 60s. per lb., as to quantity.

MAGNESIUM HYDROXIDE, B.P.C.—Makers' price for 1-cwt. lots is 3s. 5d. per lb.

MAGNESIUM OXIDE. — Cases containing 56 lb. in bulk of HEAVY, B.P., are at the rate of 4s. 1d. per lb. (56-lb. in 1-lb. containers are 5s. 3d. per lb.). LIGHT, B.P., in bulk is from 2s. 7d. to 2s. 10d. per lb., and from 2s. 11d. to 3s. 2d. in 1-lb. containers, as to quantity; smaller quantities (28-lb. but less than 1-cwt.) are from 3s. 5d. to 3s. 9d. per lb., as to pack.

MANDELIC ACID. — 1-cwt. lots in 28-lb. containers are quoted at 9s. per lb.

MERCURY SALTS.—Current prices per lb. from makers are as follows:—AMMONIATED, B.P., powder, 8s. 5d. (1 cwt.); lump, 8s. 3d. IODIDE (MERCUROUS), B.P.C., 21s. 3d. (28 lb.). IODIDE (MERCURIC), B.P., 16s. 9d. (1 cwt.). OXIDE (RED), B.P.C. and OXIDE (YELLOW), B.P., 8s. 10d. (1 cwt.). PERCHLORIDE, B.P., lump, 7s. 5d., and powder, 6s. 11d. (1 cwt.). SUBCHLORIDE, B.P., 8s. 4d. SULPHATE (MERCURIC), B.P.C., 14s. SULPHIDE (MERCURIC), 16s. (28-lb.). SULPHIDE (VERMILION), 9s. 3d. (1 cwt.). MERCURY with CHALK, B.P., small lots, 5s. 2d.

OLEIC ACID.—B.P. quality in 1-cwt. lots is 150s. per cwt.

SALICYLIC ACID.—Increased by one penny per lb. from July 1. Makers' new rates per lb. for B.P. are as follows:—5-cwt., 2s. 4½d.; 1-cwt., 2s. 5d.; 28-lb., 2s. 9d.; 14-lb., 2s. 11d.; 7-lb., 3s. 0½d.

SANTONIN.—Nominal rates per kilo are: 1-kilo lots, £64; 500-gm., £65; 250-gm., £66; 100-gm., £67; smaller quantities, £68.

SODIUM SALICYLATE. — Increase of one penny per lb. from July 1. Makers' new scale of prices is as follows:—5-cwt. lots, 2s. 9½d.; 1-cwt., 2s. 10d.; 28-lb., 3s. 3d.; 14-lb., 3s. 5d.; 7-lb., 3s. 6½d. per lb.

STEARIC ACID.—B.P.C., 1934, quality is offered at 170s. per cwt.; powder, 175s. per cwt.

THEOBROMINE. — Makers' prices for ALKALOID, B.P.C., are from 37s. (1-cwt. lots) to 39s. (7-lb.) per lb. CALCIUM SALICYLATE and SODIUM SALICYLATE, B.P., are 21s. 6d. to 23s. 6d. per lb. SODIUM BENZOATE is 23s. to 25s. per lb.

Crude Drugs

AGAR.—Kobé No. 1 for the home trade is offered at from 8s. 9d. to 9s. 6d. per lb. on the spot.

ALOES. — Cape is short from origin, upwards from 120s., c.i.f., quoted; on the spot, 125s. to 126s. per cwt. is asked for prime, and there is a supply in drums offered at 117s. 6d. Curaçao is quoted at from 220s. to 225s. per cwt., spot (for shipment, 210s., c.i.f.).

BALSAMS.—*Canada* on spot is quoted at 18s. 6d. per lb. Pará *Copaiba* continues steady at from 7s. 6d. to 8s. per lb., duty paid, and 7s. 6d. in bond. San Salvador *Peru* is offered at from 7s. per lb., duty paid. *Tolu* is offered at 18s. per lb., spot.

BENZOIN.—Sumatra No. 1 block on the spot is quoted at from £17 to £17 10s. per cwt.; Siam loose almonds, afloat, from 20s. to 27s. 6d. per lb., landed, indicated.

BISMUTH.—The basic rate for metal is 13s. 9d. per lb., in minimum 5-cwt. lots.

BUCHU.—Short-round leaves are quoted at from 2s. 9d. to 3s. per lb. on the spot; for shipment, 2s. 6½d. to 2s. 7d., c.i.f. Ovals are at 2s. 6d. to 2s. 9d. per lb., spot.

CAMPHOR.—Chinese tablets are quoted from 5s. 3d. to 5s. 6d. per lb. for ¼-oz. and from 5s. for ½-oz.; all duty paid, spot London. Chinese refined powder (B.P.) is offered at from 4s. to 4s. 3d., duty paid (in bond, 3s. 9d.). B.B. grade, on spot, 3s. 9d., duty paid.

CASCARA SAGRADA. — American from origin is quoted at from 210s. to 215s. per cwt., c.i.f., for new-peel bark.

CHERRY BARK. — Supplies on the spot are quoted at 2s. 2d. per lb., duty paid.

CHILLIES. — Sierre Leone on the spot, quoted at 295s.; June-July shipment, 265s., c.i.f. Nigerian, June-July shipment, 230s., c.i.f. Sudanese, 200s. per cwt., spot. Mombasa, for shipment, 275s.

CINCHONA BARK.—On June 27, at auction, 104 bags of good-testing Tanganyika chips were sold. Bidding was brisk and the bark realised from 2s. to 2s. 3d. per lb.

CINNAMON. — Ceylon OOOO to arrive, quoted at 2s. 1d., c.i.f.

CLOVES.—Zanzibar on spot is firm with buyers at 1s. 9d. per lb.; for shipment, 1s. 10¾d., c.i.f. Madagascar is offering at 1s. 9d. per lb., in bond.

ERGOT.—No offers reported made from origin. Portuguese, f.a.q., now landing, 27s. 6d. per lb. (new-crop, July-August, 26s. 6d., c.i.f., nominal); Russian, a little available on spot at 23s. 6d.

GAMBOGE.—Siam pipe is offered at £40 per cwt., duty paid; powder is quoted at 11s. 6d. per lb., spot London.

GINGER. — African new-crop quoted at from 305s., spot; June-July, 295s., c.i.f. Jamaican No. 3 is valued at 460s. per cwt., nominal, spot; no forward offers.

GUM ACACIA.—Kordofan cleaned sorts on the spot, offered at 86s. per cwt., spot London or Liverpool; June-July shipment 81s., c.i.f. Bleached gum, 170s., spot; shipment, 150s., c.i.f. Talha is 52s. 6d. per cwt., spot; shipment, 49s., c.i.f. Reports (see p. 18) from the Sudan indicate that recent arrivals from the interior have been largely of rain-damaged gum.

IPECACUANHA.—Firm. Colombian on spot is offered at 32s. per lb.; for shipment 28s. 6d. to 29s., c.i.f. Nicaraguan is 35s. per lb. on the spot; for shipment, 35s. c.i.f., quoted.

KAMALA. — No supplies on the spot offers are awaited.

KARAYA.—The market is firm and prices dearer at origin; spot supplies are short. Selected is quoted at 360s. per cwt., spot No. 1, 320s.; No. 2, 255s.; No. 3, 190s.

LANOLIN.—B.P. anhydrous is £120 per ton; hydrous, £90. Superfine anhydrous is quoted at £126 per ton. In short supply.

MACE.—West Indian pale blade, No. 1 is quoted at 6s. 6d.; for shipment, 5s. 10d. c.i.f., quoted.

MASTIC.—No. 1 tears are quoted at from 12s. 6d. to 13s. per lb., spot.

MENTHOL.—No offers of Brazilian from source; on the spot, 94s., duty paid (90s. in bond); Chinese, 87s. 6d. in bond; afloat 85s., c.i.f.; July-August shipment, 82s. c.i.f.

MERCURY. — Spot quotations are from £16 15s. to £17 5s. per flask, ex warehouse according to quantity.

NUX VOMICA.—Spot, Cochin is offered at 40s. per cwt.; Cocanada, 35s. per cwt.

OLIBANUM.—Good drop is quoted at from 220s. to 225s., and medium drop at 190s. peas are 220s.; fair garblings, 125s.; siftings are at 115s. per cwt., spot.

ORANGE PEEL.—Thin cut Tripoli is quoted at 1s. 1d. per lb., duty paid, spot. Spanish bitter quarters are offered at 1s. 9d. per lb., spot.

ORRIS ROOT.—Verona is quoted at 65s. per cwt.; Florentine, 110s.; both spot London.

PIMENTO. — Spot quotations are from 1s. 5½d. to 1s. 6d. per lb.; for shipment 168s. 6d., c.i.f., quoted.

PODOPHYLLUM. — Indian (*emodi*), high testing material afloat is quoted at 365s. per cwt., c.i.f.

QUASSIA.—Quiet. Chips on the spot are quoted at from 32s. to 35s. per cwt., c.i.f.

QUILLAIA.—Natural bark on the spot is 160s. per cwt.; for shipment, 150s., c.i.f.

QUINCE SEED.—Scarce on the spot; Cape 3s. 6d. per lb., nominal.

RHUBARB.—Spot, Chinese rough-round 10s. per lb., duty paid (9s. in bond).

SARSAPARILLA.—Jamaican native red is short on the spot, 2s 3d. per lb., quoted for shipment, 2s. 1d., c.i.f.

SEEDS. — The ANISE market remains quiet. Turkish is 155s. per cwt., duty paid; and Egyptian, 140s. per cwt., in bond, both spot London. CELERY. — Unchanged. Indian is 1s. 9½d. per lb., spot London. French is nominal at 230s. per cwt., duty paid, spot London. CORIANDER. —Market firm. Spot Morocco is 100s. per cwt., duty paid, and 95s. per cwt., in bond. It is reported that Marseilles have paid up to 75s. per cwt., c.i.f., for June-July shipment; no interest shown here at that price. CARAWAY.—Spot. Dutch unchanged at 120s. per cwt., duty paid. CUMIN.—Market dearer. Morocco on spot is quoted at 190s. per cwt., duty paid; Cyprus offered at 175s. per cwt. New-crop Morocco, for July-August shipment, is quoted at 210s. per cwt., c.i.f. Cyprus, for June-July shipment, has advanced to 165s. per cwt., c.i.f. London. DILL.—Quiet. Indian is 62s. 6d. per cwt., spot London. FENNEL.—Unchanged. Indian is 95s. per cwt., spot London. FENUGREEK. — Very little interest. Morocco on spot is quoted at 54s. per cwt., ex London or Liverpool. Indian in London is 62s. 6d. per cwt.

SENEGA.—Spot quotations are 11s. to 11s. 6d. per lb.; for shipment, 10s. 6d. c.i.f.

SHELLAC.—F.O.T.N. pure, on the spot, is quoted at 245s.; F.O. Standard 1, 265s.; and fine orange, 285s. to 345s. per cwt., ex warehouse London.

STRAMONIUM. — Jugo-Slav leaves are quoted at 80s. per cwt.; a parcel of Dutch leaves is offering at 11d. per lb., landed terms. Indian is 47s. 6d. per cwt., spot.

STYRAX.—Spot quotations for crude are at from 6s. 9d. to 7s. per lb., duty paid.

STROPHANTHUS. — Spot quotations for *Kombé*, 100 per cent., are at 18s. 6d. per lb.; *gratus*, 17s. 6d. per lb., duty paid, nominal.

TRAGACANTH.—White ribbon, selected, is quoted at £140 to £145 per cwt.; No. 1, £140; No. 2, £117 6s.; No. 3, £100, spot.

WAXES.—A firm market is reported for BEES' and supplies are rather short. Dar-es-Salaam is quoted at 400s. per cwt., spot; for shipment, 385s. c.i.f., nominal. There are no spot supplies of Benguela; shipment, 350s. c.i.f. Abyssinian is 380s. per cwt., spot; for shipment 340s., c.i.f. Madagascar FDE, 345s. spot. CANDELILLA. —Spot and July delivery is 410s. per cwt., CARNAUBA.—Firm. Supplies are scarce. Fatty Grey on spot is 725s. per cwt.: afloat 710s. c.i.f.; July-August shipment, 685s. c.i.f.; September-October, 675s. c.i.f.; Prime yellow is 925s. spot, for shipment 900s., c.i.f., nominal. MONTAN.—Steady. Reibeck is offered at 135s. per cwt., spot; 130s. c.i.f. OURICURI.—0.5 per cent. impurities, 660s. per cwt., spot; 1.5 per cent., 635s. spot.

WITCH HAZEL LEAVES.—Spot quotations are from 3s. 6d. to 4s. per lb.

Essential and Expressed Oils

ALMOND. — English-expressed sweet oil (B.P.) is from 5s. 9d. to 6s. 3d. per lb.; imported oil is firmer at from 5s. 11d. to 6s., spot. Bitter essential oil, s.a.p., on the spot, is from 24s. to 40s. per lb., as to grade.

ANISEED.—Spot market steady with quotations from 7s. 9d. per lb.; for shipment, 7s. 3d., c.i.f., quoted for drums.

BERGAMOT.—Spot quotations are from 33s. to 35s. per lb., as to quantity.

BOIS DE ROSE. — Brazilian on the spot is from 24s. 6d. to 27s. 6d. per lb.

CINNAMON.—B.P. oil on the spot is quoted at from 50s. to 100s. per lb. Bark oil is offered at from 17s. 6d. to 20s. per oz. Seychelles leaf oil is from 8s. 3d. to 9s. per lb., spot.

CITRONELLA.—Ceylon is offered at from 7s. 6d. to 9s. per lb., spot; July-August shipment, 6s. 9d., c.i.f., nominal.

CLOVE.—English-distilled bud oil is offered at from 14s. 6d. to 15s. 6d. per lb., according to quantity; Zanzibar stem oil is quoted at 10s. per lb., spot.

EUCALYPTUS. — Australian, 70-75 per cent. (B.P.), is valued at 5s. 3d. to 5s. 9d. per lb., spot; 80-85 per cent., 5s. 6d. to 6s. per lb.

GERANIUM.—Firmer. Bourbon is quoted at from 125s. to 135s. per lb., spot.

LAVENDER.—French, 38-40 per cent., on spot is offered at from 21s. to 24s. per lb.; 40-42 per cent., 22s. to 25s. Spanish spike is offered at from 9s. to 10s. per lb., spot.

LEMON.—Firm. Sicilian hand-pressed, 4 per cent. citral, on the spot is quoted at from 25s. to 29s. upwards per lb.; for shipment, 33s., c.i.f. Other grades (complying with B.P. standards), from 17s. 6d. per lb. on the spot.

LEMONGRASS.—Quiet. Spot quotations are from 12s. to 13s. per lb.; for June-July shipment, 10s. 6d., c.i.f.

LIME.—West Indian on spot is quoted at from 50s. to 53s. 6d. per lb., for good-quality oil.

OLIVE.—Edible oil in drums is quoted at from 26s. 2d. to 26s. 3d. per gall., ex warehouse.

PATCHOULI. — Singapore is quoted at 125s. per lb., spot; shipment, 115s., c.i.f. Seychelles, 125s. per lb., spot; 112s., c.i.f.

PEPPERMINT. — Spot quotations for Chinese (*M. arvensis*) are from 40s. per lb.; forward, 37s., c.i.f., nominal. Japanese, 41s., c.i.f. *Piperita*, B.P., is quoted at from 62s. to 65s. per lb., spot.

SANDALWOOD. — Mysore oil on spot is around 77s. per lb.; East Indian is offered.

SPEARMINT.—Spot quotations are from 45s. per lb., duty paid.

THYME.—Steady. Red oil (40-42 per cent. phenols), 10s. 6d. to 12s. 6d. per lb.; white oil, 17s. to 18s. 6d. per lb., spot.

TRADE MARKS

(*From the "Trade Marks Journal," June 14*)

For photographic films and plates (1).—"TRANSPAREX"; by Gevaert Photo Producten Naamlooze Vennootschap, Antwerp; 657,405.

For non-medicated toilet-cream face-packs (3).—"PLASMASQUE"; by "Anne Scott," Birmingham; 671,325.

For soaps (3).—"WETWO"; by English Fat Refining Co., Ltd., Slough; B683,513. "SUNLIGHT" "LIFEBUOY"; by Lever Brothers, Port Sunlight, Ltd., Port Sunlight; 687,692-93.

For face powder (3).—"FEATHER PRESSED"; by Yardley & Co., Ltd., London, E.15; 685,312.

For toilet preparations for export (3).—"GALA OF LONDON"; by Gala of London, Ltd., Surbiton; B685,894.

For perfumes, toilet preparations, etc. (3).—"ABRI D'AMORE"; by R. Demuth, Ltd., London, N.W.6; 686,306.

For non-saponaceous shampoos for export except to the Channel Islands (3).—"VASELINE SOAPLESS SHAMPOO" (on label device); by Chesebrough Manufacturing Co., Consolidated, New York; 686,390.

For haircreams for sale to the United Kingdom and export to the Channel Islands (3).—"VASELINE CREAM HAIR TONIC" (on label device); by Chesebrough Manufacturing Co., Ltd., London, N.W.10; 686,548.

For cotton-wool sanitary towels (5).—"PRINCESS"; by Thomas Inman, Oldham; 670,259.

For pharmaceutical preparations (5).—"NOVAFOL"; by the Anglo-French Drug Co., Ltd., London, W.C.1; 679,398. "YUN-GEN" "BAC-O-VAC"; by Drake Laboratories (North Devon), Ltd., Barnstaple; 686,872-76. "ROXUDDOL" "INTRUDDOL"; by Hodges & Moss, Ltd., Shrewsbury; 687,145-390.

For medicated tonic wines (5).—"BUXOVIN"; by Jules Duval & Co., Ltd., London, S.E.1; 687,831.

For sanitary preparations, germicides, fungicides, etc. (5).—"OGO" in distinctive lettering; by the General Kaputine Syndicate, Ltd., trading also as Alex Parsons, Oldham; 678,120.

For medical and surgical porous plasters (5).—"UNIVERSAL POROUS PLASTER" on label device of world and flags; by A. De St. Dalmas & Co., Ltd., Leicester; 667,272.

For all goods, excluding sanitary clothing and medicated wines, respectively (5).—"HADENSA"; by Richard Morsch U. Co. Berlin-Friedenau; 682,834. "TRIBUTE"; by Tribute (England), Ltd., Blackburn; 684,845.

For disinfectants derived from coal (5).—"COALITE" "COALINE"; by Coalite and Chemical Products, Ltd., London, S.W.1; 681,525-26.

For medicated toilet paper (5).—"BRONCO" in distinctive lettering; by the British Patent Perforated Paper Co., Ltd., London, E.9; B680,275. "NAPA"; by Cambridge Warehouse Co., Ltd., London, E.1; 684,258.

For all goods (5).—"TYROSOLVEN"; by H. Lundbeck & Co., Copenhagen; 679,862. "EFFORTIL"; by C. H. Boehringer Sohn, Ingelheim am Rhein; 685,578.

For non-medicated toilet paper (16).—"HYGEA" by British Coated Board and Paper Mills, Ltd. Newcastle-on-Tyne; B679,550. "NAPA"; by Cambridge Warehouse Co., Ltd., London, E.1 684,259. "BRONCO" in distinctive lettering; by the British Patent Perforated Paper Co., Ltd. London, E.9; 680,276.

CORRESPONDENCE

Election Candidate's Thanks

SIR,—I should like to thank all those members of the National Pharmaceutical Union who recorded their votes in my favour at the recent by-election and to assure all members of my whole-hearted efforts on their behalf.

Feltham. H. G. Moss.

Congratulations

SIR,—Your Annual Special Issue completely epitomises the progressive nature one would wish to see in a trade journal, with such delightful presentation. My very sincere congratulations on an excellent production.

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Branch Intercommunication

SIR,—I think many of us are rather startled at the Council's statement that branches must not communicate with other branches in seeking support for candidates for election to the Council. Granted that denial of the right of a candidate to canvass may cut out some eccentrics and lead to candidates being "vetted" by branches first, yet surely, if a pharmacist has the confidence of a branch, that branch should be able to canvass its confidence. How is any new person going to get known otherwise? Is not the real reason for the ruling the fear of those on the Council of being displaced? Most members of the Council obtained their places under the canvassing system. It was respectable and professional then. Why not now? However, the most serious aspect is its effect on the future. With this bar to new blood or healthy competition, the Council may stagnate and degenerate into internecine warfare, of which we have just had such an impressive example in the adoption of a vice-president. Can the Council by any stretch of imagination call that professional?

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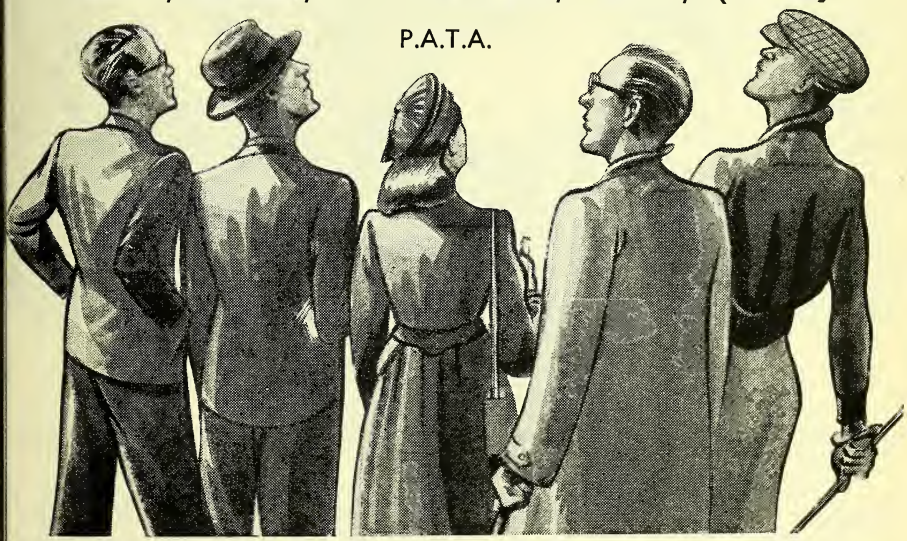
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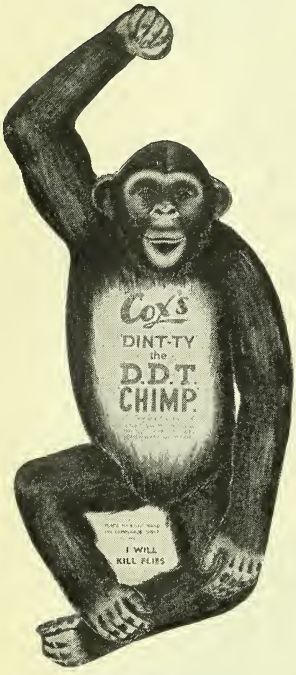
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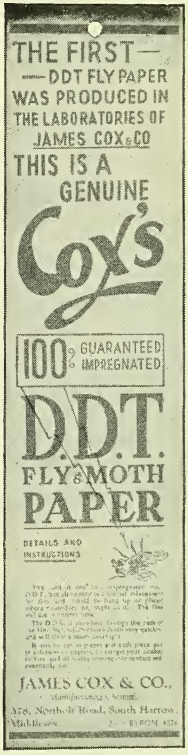
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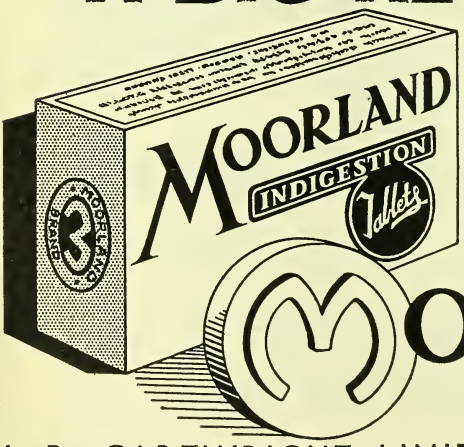
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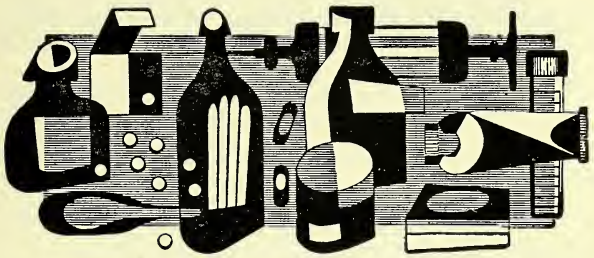
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Devon Woodland Face Powder (Natural, Rachel, Dark Rachel, Peach and Sun Tan)	3/4	16/- per doz.
Devon Lavender Water (boxed) 1 oz.	3/11	19/- per doz.
Devon Lavender Water (without box) 2½ oz. ..	6/3	30/- per doz.
Devon Violet Eau de Cologne (boxed) 1 oz. ..	3/11	19/- per doz.
Devon Violet Eau de Cologne (without box) 2½ oz. ..	6/3	30/- per doz.
Old Devon Pot Pourri (in attractive round acetate transparent container)	5/5	26/- per doz.
Pot Pourri Flat Sachets (in attractive figured silks) ..	3/6	17/- per doz.

KEEP THIS LIST (a price list is in course of preparation), you are sure to have demands. Please obtain from YOUR USUAL WHOLESALER or from:

THE **ALLIED** DRUG AND CHEMICAL CO.

'PHONE: EUSTON 2524 (12 lines)

ROBERT STREET, LONDON, N.W.1

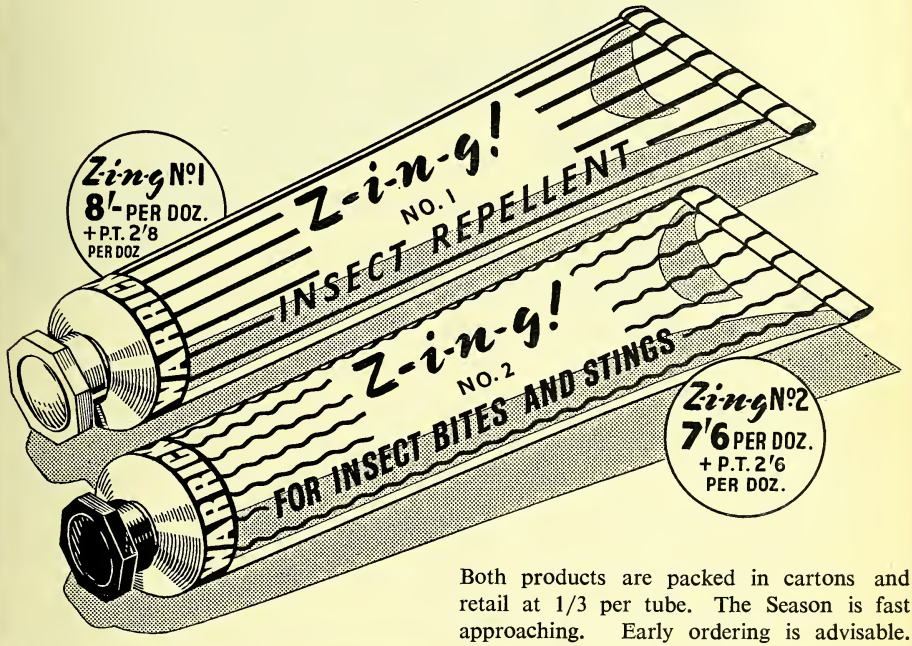
Summertime brings Insect problems . . . .

and the opportunity of additional business to the pharmacist.

Order and sell these two non-greasy creams.

Zing No. 1. An insect repellent.

Zing No. 2. An application for neutralizing insect Bites and Stings, Soothing and Reducing the inflammation.



Both products are packed in cartons and retail at 1/3 per tube. The Season is fast approaching. Early ordering is advisable.

WARRICK BROS LIMITED

NILE STREET, LONDON, N.1.

'Summer-parched hair' means more *Sales* for



Advertising

is recommending Bristow's as a protection against the drying effects of sun, wind and sea.

The regular use of Bristow's LANOLIN Shampoo has proved to thousands of women that it is a highly effective corrective for parched hair. The summer months will make more and more women aware of the parched condition of their hair — All of them will be prospective customers for Bristow's LANOLIN Shampoo. So show it on your counters—in your windows. Large-space Advertising is supporting you.

Bristow's
LANOLIN SHAMPOO

T. F. BRISTOW & CO. LTD., OLD BOND STREET, LONDON, ENGLAND. T.30.

PENICILLIN PREPARATIONS

MANUFACTURED BY:

Richard Daniel & Son LTD Derby.

An arrangement has been made whereby from July 1st 1950, the Sole Distribution in England, Scotland and Wales (excepting the area covered by Messrs. Richard Daniel's Van Deliveries) of Penicillin Preparations manufactured by Richard Daniel & Son Ltd., has been placed in the hands of Moore Medicinal Products Ltd.

All enquiries should be addressed to :-

MOORE MEDICINAL PRODUCTS LTD

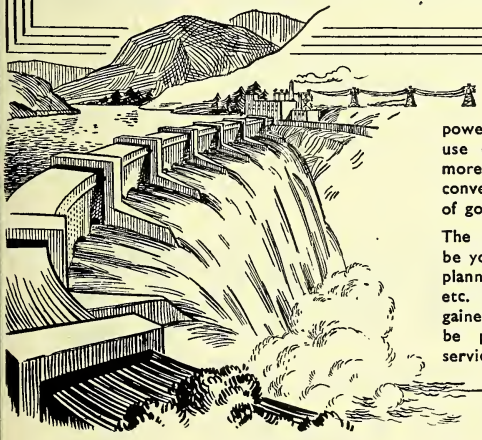
1 QUEENS TERRACE ABERDEEN. Tel.: 27233

or

64 GLOUCESTER PLACE LONDON, W.1. Tel.: Welbeck 5718/9

My skill goes beyond the depths of a pond

MARTIN PARKER



Just as modern engineers harness the power of water, so a sound business makes full use of the power of good printing. What is more, good printing goes beyond the mere conveyance of a message—it acts as an ambassador of goodwill wherever it is seen.

The highest standard of printing should always be your aim. Let us help you when next you are planning brochures, showcards, cartons, labels, etc. We are proud of the knowledge we have gained in our 70 years' experience and we shall be pleased to place this knowledge at your service.

THOMAS WAIDE & SONS LTD.
KIRKSTALL HILL, LEEDS, 5

Print Specialists for over seventy years



Display to sell!

The fastest selling Insecticide



It's the EXTRA POWER that brings repeats

SECTO
EXTRA POWER.
D.D.T.

CUPAL LTD
Blackburn

It pays you to Stock these *quick selling* lines!



- ★ SPRATT'S CONDITION POWDERS
- ★ SPRATT'S RED MIXTURE (for worms in puppies)
- ★ SPRATT'S WORM POWDERS
- ★ SPRATT'S INSECT POWDER, (incorporating "Gammexane") effectively rids pets of fleas and other pests. Safe for the Dog or Cat
- ★ SPRATT'S "MANGEX"—*the* treatment for Mange
- ★ SPRATT'S CAT POWDERS. They have a "purr puss" purpose!

SPRATT'S
CANINE HEALTH PREPARATIONS

SPRATT'S PATENT LIMITED, 41/47 BOW ROAD, LONDON, E.3

It's Back!

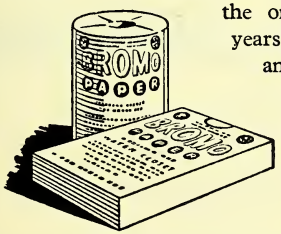
BROMO PAPER

Commands the HIGHEST PRICE —therefore the BIGGEST PROFIT

After an absence of years, BROMO is again available for the home market. Retailing at 2/11 a packet, and 2/- a roll, it commands the highest price of all toilet papers. . . BROMO gives full trade discount —so to you it's the most profitable.

Strictly a QUALITY ARTICLE for the QUALITY MARKET

How can BROMO justify its price? By its quality. World-famous for over 70 years, BROMO is soft and strong absorbent, pure and unsurpassed. It will be much in demand among those consumers for whom only the best is good enough, and who remember BROMO the only water-marked toilet paper, from years gone by. BROMO sells on quality and on sight. So stock it and display it—so tying up profitably with the advertising in the National Press.

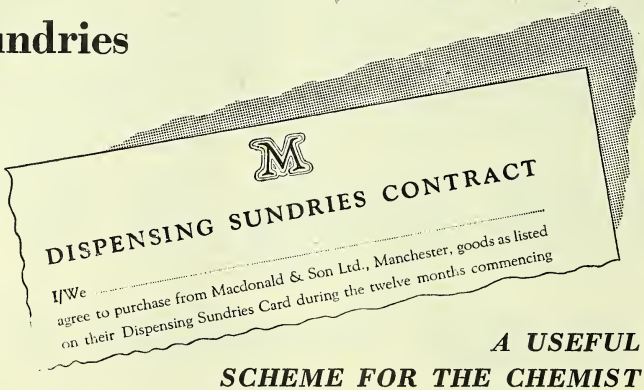


ORDER NOW FROM YOUR WHOLESALER

If difficulty, write for particulars and trade terms to :—

DIAMOND MILLS PAPER CO. LTD., 8, South Street, W.1.

Discounts on Your Dispensing Sundries



A USEFUL SCHEME FOR THE CHEMIST

Have you received one of our dispensing sundries cards? The items shown on the front of the card, comprising all the main dispensing sundries, are included in a contract scheme which is of interest—and profit—to the chemist.

You order your bottles, boxes, paper, and other dispensing sundries as you require them, and at the end of the contract year you will receive a special discount according to the amount purchased.

Goods are sent carriage paid in free packages. The current price is the cost in your pharmacy.

Write for full information now

MACDONALD & SON LTD.

HOPE MILLS, POLLARD STREET, MANCHESTER, 4 Ardwick 1561-2

DOUBLE YOUR SALES OF CALAMINE *this* SUMMER



Don't be caught short by a heat wave — stock up with Potter & Clarke's Calamine Lotion now.

Put up in good looking 4-oz. bottles.

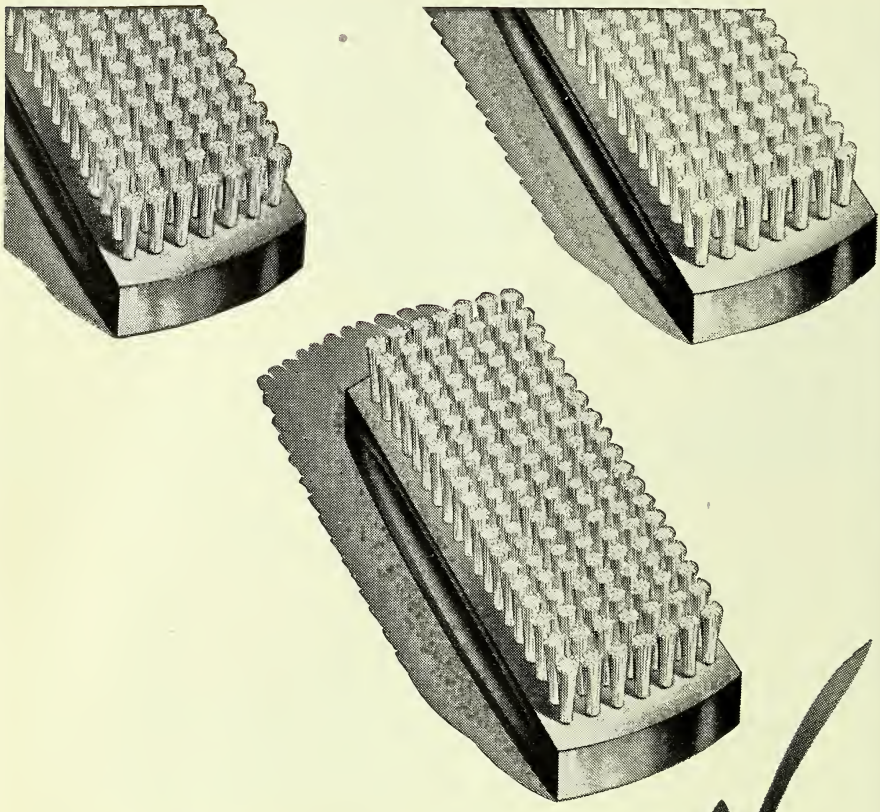
TERMS AS OUR CATALOGUE

POTTER & CLARKE LTD

60-64 ARTILLERY LANE, LONDON, E.1
Phone : BISHOPSGATE 4761 Grams : Horehound. 'Phone, London.
77 DANTZIC STREET, MANCHESTER, 4
Phone: BLACKFRIARS 8734 Grams : Horehound, Manchester.
62 ORBISTON STREET, MOTHERWELL.
Phone : MOTHERWELL 1413 Grams: Horehound, Motherwell.

P.C.T.3(R).

B



it's a better brush if it's made with NYLON

IMPERIAL CHEMICAL INDUSTRIES LTD
LONDON, S.W.1

P.N.96

Where experience counts..3



Modern drying room in the Ransom factory

Great care and experience are needed in the drying of medicinal plants to ensure maximum retention of their active principles.

William Ransom & Son Ltd., have had over 100 years' experience of drug growing and processing and this extensive knowledge is reflected in the high quality of their products.

ACTUAL GROWERS OF

BELLADONNA · HENBANE
PEPPERMINT
FOXGLOVE · CHAMOMILE
LAVENDER

EXTRACTS
(Solid and Liquid)

TINCTURES · RESINS
OLEO-RESINS · RESINOIDS
ESSENTIAL OILS · CHLOROPHYLL

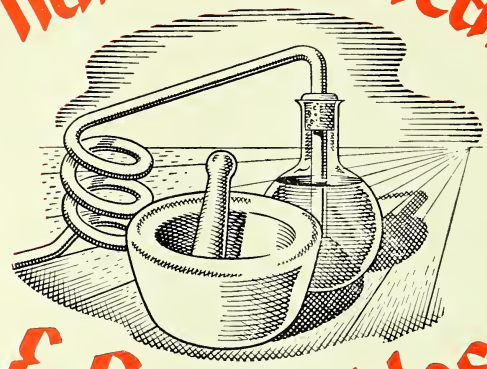


MANUFACTURING CHEMISTS AND GROWERS OF MEDICINAL PLANTS FOR OVER A CENTURY

WILLIAM RANSOM & SON LTD.
Hitchin Hertfordshire England

MONSANTO CHEMICALS FOR EVERY INDUSTRY

Pharmaceuticals & Germicides



ASPIRIN B.P.	Crystals and Powder
ASPIRGRAN	A granular form of Aspirin specially evolved for direct tabletting.
PHENACETIN B.P.	
SALICYLIC ACID B.P.	Crystals and Powder.
SALICYLIC ACID (technical)	
SODIUM SALICYLATE B.P.	White Flakes. White Powder.
METHYL SALICYLATE B.P.	
BENZOIC ACID B.P.	
SODIUM BENZOATE B.P.	
PHENOLPHTHALEIN B.P.	
VANILLIN	
PHENOL B.P.	Ice Crystals. Detached Crystals. Liquefactum B.P.
CRESOL B.P.	
CRESANTOL 3 (Benzyl Cresol)	
P.C.M.X. (Chloroxylenol B.P.)	
CRESANTOL 15 (Chlorinated Xylenols)	
P.C.M.C. (Chlorocresol B.P.)	An auxiliary germicide.

Monsanto Chemicals Limited · Victoria Station House · London, SW1

NEW PRODUCT INFORMATION

'DISTAQUAINE' G, the original British procaine penicillin G for **aqueous** suspension, is now available in two new forms :

'DISTAQUAINE' *FORTIFIED*

'Distaquaine' G **plus soluble penicillin** (potassium salt) in vials of two sizes,

conveniently described as

'DISTAQUAINE' Fortified, 3 + 1
(procaine penicillin G, 300,000 i.u.,
crystalline potassium penicillin G, 100,000 i.u.)
RETAIL PRICE (subject to discount) - 4s. 6d.

'DISTAQUAINE' Fortified, 9 + 3
(procaine penicillin G, 900,000 i.u.,
crystalline potassium penicillin G, 300,000 i.u.)
RETAIL PRICE (subject to discount) - 10s. 9d.

'DISTAQUAINE' *SUSPENSION*

'Distaquaine' G, in **ready-prepared** aqueous suspension in vials of 10 ml.
(each ml. containing procaine penicillin G, 300,000 i.u.)
RETAIL PRICE (subject to discount) - 26s. 0d.

Distributed by :
ALLEN & HANBURYS LTD. BRITISH DRUG HOUSES LTD.
BURROUGHS WELLCOME & CO. EVANS MEDICAL SUPPLIES LTD.
IMPERIAL CHEMICAL (PHARMACEUTICALS) LTD.
PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD.

Manufactured by :
THE DISTILLERS COMPANY
(BIOCHEMICALS) LIMITED
SPEKE LIVERPOOL

C

Purchase Tax Cut!

~~100%~~

33⅓%

Your PROFIT INCREASED from 9p to 1/-

Handmaid ★

Luxury PROTECTIVE CREAM

The Outstanding Chemist's Success of the IDEAL HOME EXHIBITION



where thousands of women proved that they were willing, even eager, to pay 3s. 9d. for a large Jar of Handmaid, the perfect lanolin barrier against hand grime. Purchase Tax has now been reduced to 33⅓%, and it is therefore possible to *increase* the chemist's profit from 9d. to over 1/- per jar, and at the same time to *reduce* the pre-payment of P.T. from 1s. 6d. to 8d., thus making Handmaid an even more attractive line to handle. Extensive consumer advertising will continue to appear. Send a post card for details of attractive sales aids for counter use immediately available :

WESTBROOK LANOLIN COMPANY
DAISY BANK · DUCKWORTH LANE
BRADFORD · YORKS

★

A Westbrook PRODUCT

Counter Card NOW available

WHIFFEN'S

Fine Chemicals

BROMIDES

POTASSIUM · SODIUM

AMMONIUM · STRONTIUM

BROMINE · MISCEL · ORGANIC

MISCEL · INORGANIC

BROMATES

TESTED PURITY

WHIFFEN & SONS LTD., FULHAM, LONDON, S.W.6

A division of British Chemicals & Biologicals Ltd.

Phone : *RENown 3416*

Telegrams : *Whiffen, London*



about

Zoflora

Perfumed DISINFECTANT

Zoflora, the spray-disinfectant, is now advertised in popular "home" magazines with an estimated readership of 16,300,000. This is making custom for you, because each advertisement directs housewives to their chemist.

May we send you a trial order and show material?

RETAIL: 2/- per bottle. Complete Spraying Outfits, 10/- and 21/-

TZ 22 *Usual Trade Discounts*

THORNTON & ROSS LIMITED

LINTHWAITE LABORATORIES HUDDERSFIELD

AYRTON SAUNDERS & CO. LTD.

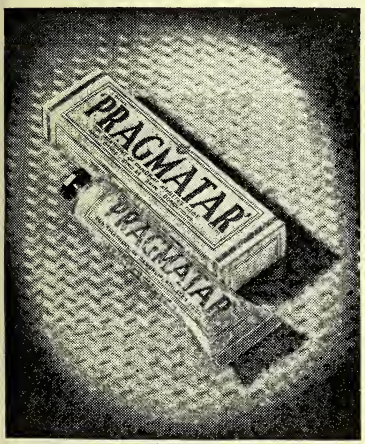
LIVERPOOL

The Complete Pharmacy Service

DRUGS
GALENICALS
PENICILLIN
ETHICALS
PROPRIETARIES
PACKED GOODS
SUNDRIES
PATENTS
FANCIES
TOILETS
CORKS BOTTLES

34 Hanover Street
LIVERPOOL

In the care and hygiene of the scalp . . .



'PRAGMATAR' — the improved tar-sulphur-salicylic-acid ointment —is now being regularly prescribed in the general care and hygiene of the seborrhoeic scalp. It can readily be washed out of the hair or allowed to remain as a pleasant dressing. Dandruff often intensifies and prolongs the course of acne, and consequently 'Pragmatar' is a valuable aid in the management of this common disorder. The wide margin of safety of 'Pragmatar' makes it especially suitable for children, as well as for adults.

● *Issued in 1-oz. collapsible tubes. Trade price 27/- per dozen. Purchase Tax 9/- per dozen. Retail price 3/9 each, inc. Tax.*

Also available in 2½ lb. jars

'PRAGMATAR'

Cetyl-alcohol-coal-tar distillate 4%; sulphur 3%; salicylic acid 3%; in a washable base.

MENLEY & JAMES, LTD., 123 COLDHARBOUR LANE, LONDON, S.E.5
for *Smith Kline & French International Co., owner of the trade mark 'Pragmatar'*
PR:T50

TWELVE PHONE LINES at your service

An efficient, courteous and prompt DAILY DELIVERY for GREATER LONDON and the HOME COUNTIES

'PHONE EUSTON 2524

until 12 o'clock (Saturday 10.30 a.m.)

and receive your goods THE SAME DAY

No limit to number or variety of lines

Ever increasing stocks of Patents, Toilets, Sundries, Packed Goods and Ethical Products of well known houses:—Allen & Hanburys, Anglo French Drug Co., Bayer Products, British Drug Houses, British Schering, Burroughs Wellcome, Ciba Labs., Crookes Labs., Gedeon Richter, Glaxo, Ortho Pharmaceuticals, Organon, Roche Products, Sandoz, Sharp & Dohme, John Wyeth & Bro., Etc., Etc.

ASK FOR OUR PRICE LIST

THE **ALLIED DRUG & CHEMICAL CO.**

ROBERT STREET, LONDON, N.W.1

Insulin, Streptomycin, Penicillin, also D.D.A. Preparations In Stock

FRANCO-BRITISH GLASS CO. LTD.

For Ampoules & Vials.

15/17 KING STREET, ST. JAMES'S, LONDON, S.W.1
Telephone - - ABBEY 4151

WE WANT MILLAMALT



Sole Manufacturers: JEFFREYS, MILLER & CO. LTD., *Leyland Mills, Wigan. (London Dept. 19 Brookside Rd. NW9)* BECAUSE OF THE BUTTERSCOTCH FLAVOUR

N23



Victory·V

GUMS & LOZENGES

FRYER & CO. (Nelson) Ltd., NELSON, LANCS.

ATTENTION!

We can supply

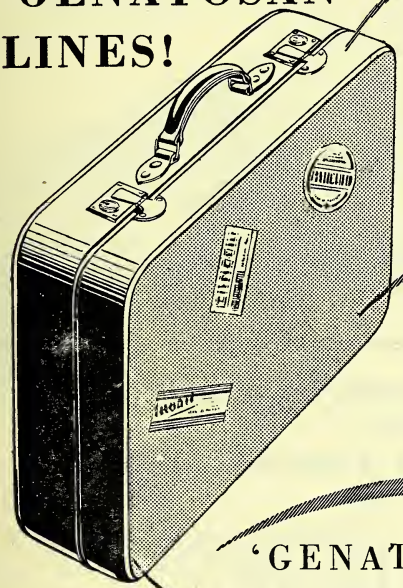
DRIED YEAST B.P.C.

THE DISTILLERS CO. LTD.,
12 Torphichen Street,
Edinburgh, 3

increased

For summer sales . .

DISPLAY these quick-selling 'GENATOSAN' LINES!



'TRAVIKALM' TABLETS

'Travikalm' brand Tablets for the prevention of Road, Rail, Sea and Air Travel Sickness.

'FISSAN' ICHTHAMMOL POWDER

'Fissan' Ichthammol Powder for fungous affections, especially Athlete's Foot. An ideal foot powder.

'GENATOSAN' CALAMINE LOTION

'Genatosan' Calamine Lotion — a pleasant calamine lotion compound for sunburn and heat eruptions.

Product	Size	Retail Price (inc. Tax)	Trade Price (dozen)
'Travikalm'	10 tablets	1/6	10/-
'Genatosan' Calamine Lotion	4 oz.	1/11	13/-
'Fissan' Ichthammol Powder	Sprinkler tin	2/9	18/-
	300 gm.	7/6	54/-

Subject to appropriate parcel discount in return for 14 days window display.

GENATOSAN LTD

A Division of British Chemicals & Biologicals Ltd.

LOUGHBOROUGH, LEICS.

Tel : Loughborough 2292

T54

Hewlett's
VITONAGEN
Brand

RECONSTRUCTIVE TONIC

Vitamin B_1, Glycerophosphates and Strychnine in a palatable base. An ethical Tonic, reconstructive and stimulant, which is recommended for adults and adolescents.

Bottles of 8 fl. ozs. Dose, 1 to 2 fl. drachms

Larger sizes also available for dispensing

C. J. HEWLETT & SON LTD.

35-43 CHARLOTTE ROAD, LONDON, E.C.2

and at 216 Orr Street, Glasgow, S.E.

Dr. J. Collis Browne's Chlorodyne and The Pharmacy and Poisons Act, 1933

Dr. J. Collis Browne's CHLORODYNE

SALE RESTRICTED TO REGISTERED CHEMISTS

PURCHASER'S SIGNATURE NOT REQUIRED

Sole Proprietors:

J. T. DAVENPORT LTD.

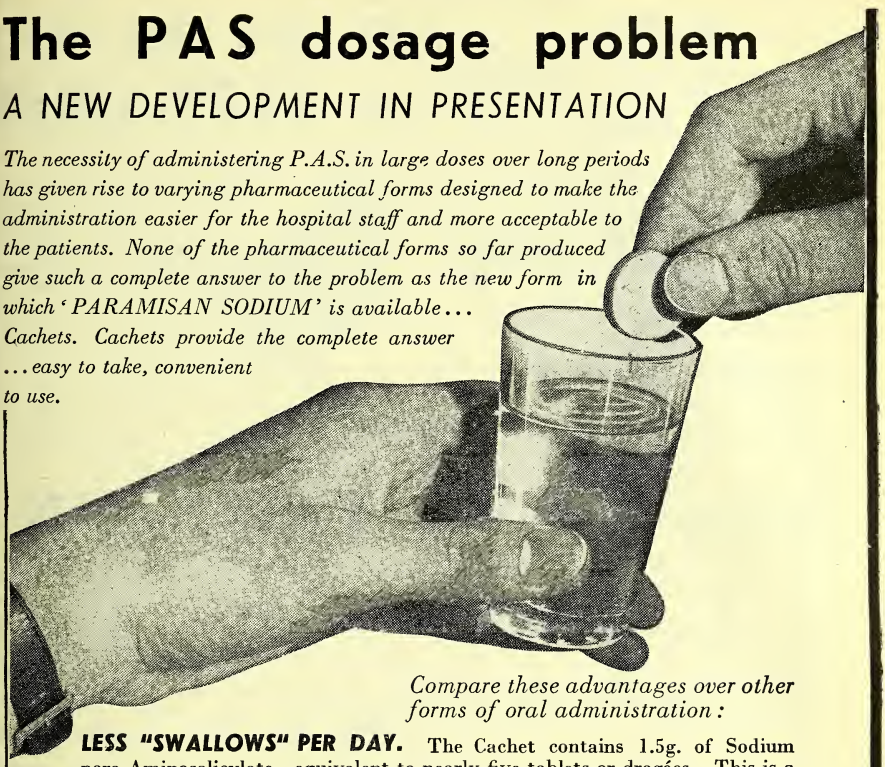
UNION ST., LONDON, S.E.1

P.A.T.A.

The PAS dosage problem

A NEW DEVELOPMENT IN PRESENTATION

The necessity of administering P.A.S. in large doses over long periods has given rise to varying pharmaceutical forms designed to make the administration easier for the hospital staff and more acceptable to the patients. None of the pharmaceutical forms so far produced give such a complete answer to the problem as the new form in which 'PARAMISAN SODIUM' is available... Cachets. Cachets provide the complete answer ...easy to take, convenient to use.



Compare these advantages over other forms of oral administration:

LESS "SWALLOWS" PER DAY. The Cachet contains 1.5g. of Sodium para-Aminosalicylate—equivalent to nearly five tablets or dragées. This is a valuable point in view of the heavy dosage scheme necessary.

EASY ADMINISTRATION. The Cachet, previously dipped for a second or two in water, is surprisingly easy to swallow with a draught of water. Three or four Cachets can be taken in quick succession without any difficulty.

CERTAIN DISINTEGRATION. The Cachet disintegrates quickly when swallowed. There is no danger of its passing through unabsorbed—a difficulty which has been encountered following the administration of large quantities of coated tablets.

NO UNPLEASANT TASTE. The Cachet leaves no taste in the mouth — a great advantage over solutions and over some forms of granules.

ACCURATE DOSAGE. The Cachet is simple to supply as an accurate dose, avoids waste and is undoubtedly the best way to buy and administer P.A.S.

'PARAMISAN SODIUM'

TRADE MARK BRAND

SODIUM para-AMINOSALICYLATE

PACKED IN CONTAINERS of 20, 100 & 500

CACHETS

EACH CONTAINS 1.5g

Literature and prices available on application to:

HERTS PHARMACEUTICALS LIMITED, Welwyn Garden City, England G.M.T.53

12 Reasons why Inecto sells itself

1 The best-known hair tint in the world.

2 Easily applied in a few minutes.

3 Does not wash or brush out or rub off.

4 Guaranteed permanent, improving the condition of the hair.

5 May be used before or after permanent waving.

6 Exactly matches Nature's own colouring.

7 Made in 18 natural shades.

8 Ensures perfect results always.

9 Has been tried and tested for 40 years.

10 Recommended by customers.

11 Consistently advertised.

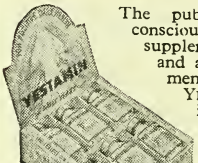
12 Assures you of repeat business.

Obtainable from your Wholesaler

INECTO

ENQUIRY BUREAU
27, DOVER ST., LONDON, W.1
Regent 7541 (10 lines)

It's EASIER THAN EVER to sell YESTAMIN



The public is increasingly yeast-conscious. The need of yeast as a supplement to our restricted diet, and as a preventive of many ailments, is widely known—and YESTAMIN'S national advertising is a constant reminder. To give arresting point-of-sale emphasis to the advertising there are the compact and colourful YESTAMIN packs—show them and be sure of your share in YESTAMIN'S increasing sales.

100 TABLETS	RETAIL 1/6	TRADE 12/3 PER DOZ.
300 TABLETS	RETAIL 4/-	TRADE 33/- PER DOZ.

Less 5% cash in 14 days

YESTAMIN
DAILY YEAST

THE ENGLISH GRAINS CO., LTD., BURTON-ON-TRENT

When it's Sundries Think of "Ritchies"!

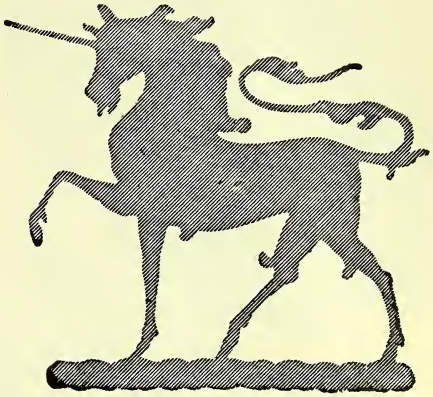
A few samples from our range:

Arch Supports
Hypodermic Needles (Stainless)
Dressings of all types
Weighing Machines
Ramer Sponges
Spontex Sponges
Pill Boxes
Gillettes
Personna
Dunlopillo Cushions
Electric Blankets
Heat-Pads
"Agrippa" Teats
Feedrites
Dropper Bottles
Scissors of all Types

We stock Addis, Halex and Hygex Brushes
Scottish distributors of Plim Hypodermic Syringes

George B. Ritchie & Co
249 Buchanan St. Glasgow C.1
Tel: DOUglas 0532/3

The **brand** *makes the distinction*



Pharmacists have learnt to tame the vegetable purgatives, known in other centuries for their vigour. They have combined very small doses of several, so that adequate laxative action is obtained without causing irritation. A gentle natural action and sustained intestinal tone are finally ensured by adding a mild antispasmodic and a carminative.

Such is the art which goes to make 'Tabloid' brand Laxative Vegetable.

Such is its reputation that many customers insist on 'Tabloid' brand.

Each sugar-coated product contains :—

Compound Extract of Colocynth, B.P. 1914	gr. 1
Extract of Jalap	gr. 1/2
Podophyllum Resin	gr. 1/4
Green Extract of Hyoscyamus, B.P. 1898	gr. 1/4
Menthol	gr 1/20

Retail Prices :

Bottle of 25.....1s. 0d. plus 3d. tax

Bottle of 100.....2s. 10d. plus 8½d. tax

'Tabloid' BRAND Laxative Vegetable

(REVISED FORMULA)

BURROUGHS WELLCOME & CO. (*The Wellcome Foundation Ltd.*), **LONDON**



Antistin-Privine

Nasal Spray for use in
HAY FEVER
now available in a pocket
NEBULISER

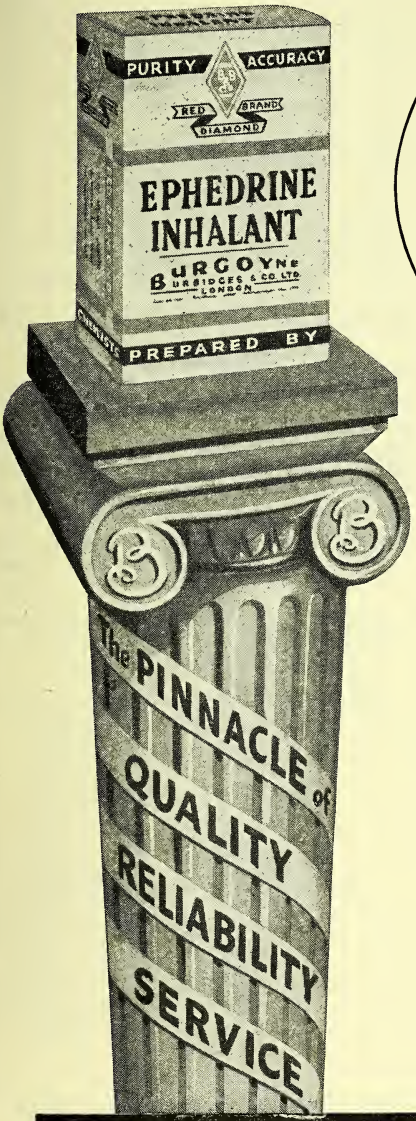
Produces a fine mist thus increasing the efficacy of the solution.
Convenient size and shape for pocket or handbag.
Sufficient for several hundred applications.
Economical—price 3/6.
Retail Discount 33⅓%; Exempt from Purchase Tax
('Antistin' and 'Privine' are registered trade marks)

CIBA

CIBA LABORATORIES LIMITED
HORSHAM, SUSSEX.
Telephone: Horsham 1234
Telegrams: Cibalabs, Horsham

5150

The best of its kind, always 'above' the average





EPHEDRINE INHALANT

for the treatment and rapid relief of colds, Catarrh, Asthma, Hay Fever, Sinusitis, Etc.

A 'RED DIAMOND' PRODUCT

1 oz. Bottles, elegantly cartoned, cellophaned, complete with dropper. 10/6 a doz. + P.T. $\frac{1}{3}$rd.

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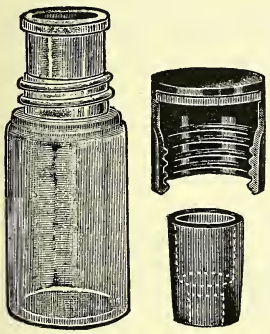
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GALENICALS TABLETS
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The 'Clinbritic' Vaccine Bottle

Patent No. 492200
MADE IN ALKALI FREE AMBER or WHITE GLASS



Assembly Details.

A Multiple Injection "vaccine" bottle which possesses several points of interest and offers a very near approach to the ideal.
No Wiring is necessary, and there is no distortion or bursting of the rubber cap even at pressures up to 50 lbs.
The india rubber vaccine cap, of special design, is protected by a screw bakelite cap, and provision is made for maintaining the sterility of the outside surface of the vaccine cap. No manipulation whatever is required after sterilization.

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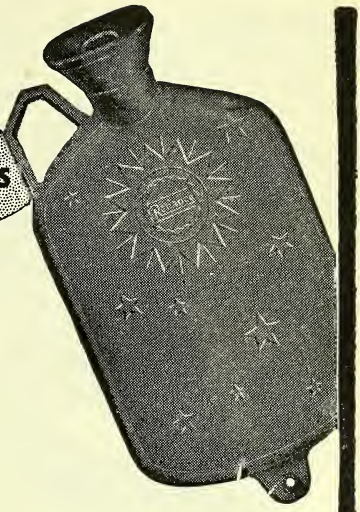
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Low price and attraction
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We manufacture all kinds of:-

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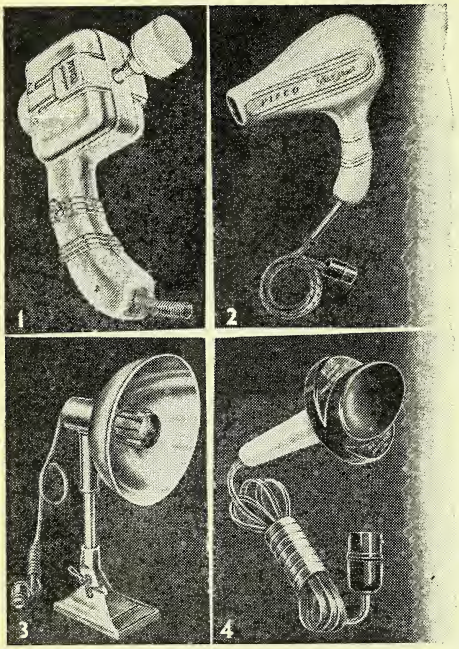
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AND DERIVATIVES

THE BRITISH DYEWOOD COMPANY LIMITED

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Acknowledged as an aid to good health and beauty and for alleviation of pain. Stimulates and improves circulation. In ivory plastic, with Applicators for face, neck, body and scalp massage.

2 PIFCO HAIR DRYER

The NEW stream-lin Hair Dryer every wom will be asking for. Mode design, perfectly balanc Easy-grip handle w switch giving hot or c air stream. In ivory plast

3 RADIANT HEAT AND INFRA-RED APPLIANCE

For home application of Infra-Red and Radiant Heat. Parabolic reflector rotates to any direction. Adjustable base. Beautifully finished in pastel shade.

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Combines soothing a healing properties of h with stimulation of ma age. Affords comfort a relief from pain. Mode design in black and ivo plastic. Attractively boxe

Write for illustrated folders describing these and ma other quick-selling Pifco products.

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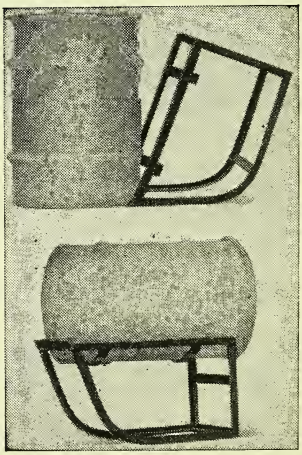
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The Newspaper with the largest circulation in Northern Ireland. Read in the homes of the people throughout the whole of this important industrial and agricultural part of the

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We help you increase your profits

Big new advertising campaigns tell your customers about HALEX goods



HALEX RONDATED TOOTHBRUSHES

HALEX COMBING BRUSH

Bigger and better advertisements, wider coverage, more persuasive selling! These are the keynotes of the powerful new Halex advertising campaign.

In the national newspapers, 15 million customers will read, again and again, about Halex toothbrushes.

In the leading women's magazines, 7 million women will be told—repeatedly—about the Halex Combing Brush.

Consistent, forceful, eye-catching advertising is getting to work to sell *your* goods. To cash in on briskly mounting business, display Halex toothbrushes and Halex Combing Brushes on your counter. Just keep them showing and watch how smartly they will move.

HALEX LTD *HALE END, LONDON, E.4*

Equality? Yes LIBERTY? No!

FOR CORKS

WHERE CORKS ARE CONCERNED, we're simply tyrants. No nonsense about fraternity! We glory in grinding out every particle of individuality from our corks, with calculated sadism and devastating efficiency.

From the moment it is torn from some protesting tree in the forests of Spain, our cork undergoes the most brutal treatment. Only the very best can stand it. After being boiled, scraped, pressed, and baked in the dreaded "hot-box," it's well on the way to terrified uniformity.

Then, to complete the process, individual stoppers are punched out of it; and these are given such a tapering, bevelling, sanding, notching, sterilizing and branding as to make a professional torturer jealous.

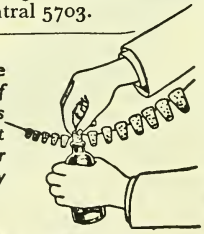


Just wrong, by 1/63rd of an inch. And what a fate!

If, after all this, there remains even 1/63rd of an inch of individuality about a cork — away it goes, ignominiously, to make by-products. Only *perfect* corks survive.

We believe that where corks are concerned, most of our customers are good totalitarians, and agree with us that corks should be absolutely regular in quality and size, indistinguishable from each other. If that's how *you* feel—we should be glad to show how well we can meet your strictest requirements. Armstrong Cork Co. Ltd. (Closure Division), Kingsbury, London, N.W.9. Tel. Colindale 7080. Scottish Branch: 5 Oswald Street, Glasgow, C.1. Tel. Central 5703.

FREE ON REQUEST. *The handy Armstrong string of standard cork sizes shows at once what size you want —whether for dispensing or for ordering supplies. May we send you one?*



ARMSTRONG'S CORKS

CORKS · CROWN CORKS · MOULDED CAPS

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BOTTLES & JARS

Also Bakelite and Metal Screw Caps

SUBSTANTIALLY REDUCED PRICES

Large stocks of various kinds available for immediate delivery. Just send us details of your requirements stating quantities you want of each item and we will gladly quote by return.

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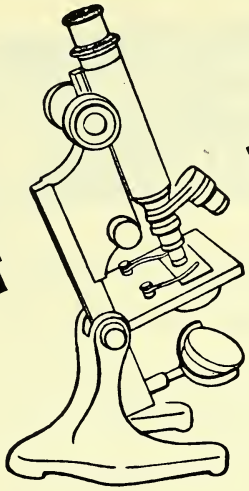
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It's a family affair!



HILLCREST TOILET ROLLS *are made of the purest Toilet Tissue, and each sheet is medicated with Pine germicide*

6 Star SELLING POINTS!

★ **ATTRACTIVELY BANDED IN THREE COLOURS ON GLAZED PAPER** *in 6 oz., 7 oz., and 8 oz. weights*
★ **SUPER QUALITY manufactured from purest toilet tissue**
★ **KEEN PRICES FOR QUANTITIES to established Wholesalers**
★ **ALL SHEETS MEDICATED WITH PINE GERMICIDE**
★ **ADVERTISING**—*Your customers will see this advertisement in the "News of the World," "Daily Mirror," "Daily Express," "News Chronicle," "Daily Herald," "Daily Mail," and all the leading Provincial papers; also on Odeon and A.B.C. Cinema Screens.*
★ **CUSTOMERS' OWN DESIGNED GLAZED BANDS PRINTED (NO EXTRA CHARGE)**

Sole Manufacturers: **LIPTONS PAPER MILLS LTD.,**
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Get to know these young ladies!







They are appearing in all **ENESS** advertising, working hard and persuasively to bring you ever-greater sales of the 'softer than silk' sanitary towel. Make sure that you are well-stocked when discriminating women ask for . . .

ENESS
SANITARY TOWELS
MORRISONS & RALPH LTD BARRHEAD SCOTLAND

At last we can now offer

The 'SANDRA'
TERRY FACE CLOTH

Each individually wrapped in attractive printed cellophane bags. A quick and ready seller at all times — order *NOW* for the coming season.

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Capsules

A new presentation of sodium salicylate in capsule form which obviates all the disadvantages associated with the administration of sodium salicylate in its usual form.

Each capsule contains 0·5 G. sodium salicylate and may be taken with complete freedom from nausea or gastric irritation.

P.A.T.A. Trade Prices:—
50's 32/- per doz. + 10/4 P.T.
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A "SEDALGESIC"

DORMIPRIN

instant success with the medical profession

DORMIPRIN IS:

- **"SEDALGESIC"** — because it is simultaneously sedative and analgesic.
- **SAFE** . . . . . — because it contains no barbiturates.
- **NON-IRRITANT** — because its aspirin content is neutralized.

FORMULA: *Carbromal B.P.C. 150 mg.* *Bromvaletone B.P.C. 50 mg.*
Ac. Acetylsal. B.P. 250 mg. *Mag. Oxid. B.P. 200 mg.*

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Sole Distributors in the U.K.:
MOORE MEDICINAL PRODUCTS LTD.
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A MOVING PICTURE..

Hiltone's popularity makes it a ready seller and this year's increased press advertising will ensure bigger-than-ever sales. Hiltone's famous slogan "as light as you like . . . and no lighter" will be seen by millions of women, and country-wide demonstrations will keep Hiltone in their minds. For brightening and lightening the hair to new, natural-looking beauty, Hiltone's controlled action is unequalled. Stock Hiltone, display it—you'll sell it.

HILTONE

AS LIGHT **AS YOU LIKE . . . AND** NO LIGHTER

COUNTY PERFUMERY CO. LTD., STANMORE, MIDDLESEX

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Special Announcement

VICK
VAPOUR-RUB

TWO IMPORTANT CHANGES EFFECTIVE 1st JULY 1950

1. *Large "Family Size" back again*

Improved availability of raw materials has now made it possible to bring back the 1½ oz. jar which was so popular before the war as a Family Size. Retail selling price is 2/9 incl. P.T. Orders should be placed now for delivery about 20th July when first supplies will be available.

2. *Price of Small Size increased*

Production costs have now risen to a level which compels an increase in retail selling price from 1/7 to 1/9 incl. P.T. Regular users by purchasing the large size (double quantity) will, however, buy Vick more economically than before.

PRICES AND BEST TERMS

Size	Retail Selling Price (inc. P.T.)	List Price (excl. P.T.)	DISCOUNTS
3/4 oz. (in 1-doz. display outers)	1/9	12/7	Usual terms will be allowed on one or more of the following standard parcels
1½ oz. (in cartons)	2/9	19/9	

STANDARD PARCELS

4 dozen large size
2 dozen large with 4 dozen small size
1 dozen large with 6 dozen small size
8 dozen small size
12 dozen small size

★ *Parcels containing large size will be available about 20th July.*

To ensure prompt delivery place your order now

Distributors: J. C. GAMBLES & CO. LTD., 209-215 BLACKFRIARS ROAD, LONDON, S.E.1

PICTURE POST

PICTURE POST is part of British life — and a first-rate salesman for you. Millions of men and women enjoy reading PICTURE POST each week, and its advertisement pages help them to make up their minds what to buy. If it's advertised in PICTURE POST the shopkeeper knows he can sell it. Keep an eye on the selling side of PICTURE POST. Stock its advertised goods so that you can supply the ones asked for by PICTURE POST readers.

THE PICTURE POST MERCHANDISING SERVICE

From now on PICTURE POST will be helping you to sell Picture Post advertised goods *direct from your shop*. The PICTURE POST MERCHANDISING SERVICE is now ready, and just the thing to increase your sales without increasing your overheads. Your manufacturers co-operate with PICTURE POST in the use of this Service so that you will be sure to get enough supplies to meet the extra demand. When you learn that a product is to be supported by the Picture Post Merchandising Service make sure you use the PICTURE POST material, and give the product a good display to give yourself every opportunity to increase your sales.

MEANS BUSINESS

To help you sell the goods advertised in PICTURE POST, the Merchandising Service provides these selling and shopping aids—SHOWCARDS, DISPLAY STANDS, WINDOW AND COUNTER BILLS, WINDOW STICKERS, LABELS, PRICE TICKETS, TIE-ON-TAGS, FOLDERS AND LEAFLETS, BOTTLE AND PACKET CROWNERS, CARTONS AND CARRIER BAGS. These displays will back up your own selling efforts in your shop with the national good name of PICTURE POST which will bring its readers in to buy from you. Watch PICTURE POST each week for news of national brands. Watch this paper for news of the Merchandising Service. PICTURE POST means business and the Picture Post MERCHANDISING SERVICE will be bringing it your way.

PICTURE POST MERCHANDISING SERVICE

Hulton Press Ltd., 43-44 Shoe Lane, London, E.C.4. Central 7400

IN MATTERS CONCERNING FEMININE HYGIENE...



SHE LOOKS TO *you* FOR PROFESSIONAL ADVICE

The responsibility to give professional advice when called upon has placed pharmacy in a position of high esteem, and it is a service especially valued by women. When it is a question of family limitation it is always wise to suggest a Rendells Product. As pioneers of the chemical contraceptive we can now offer a range of preparations to suit every individual requirement.

RENDELLS PESSARIES
RENDELL GELS
RENDELL-FOAM
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PRODUCTS FOR FEMININE HYGIENE

W J RENDELL LTD HARDWICK HOUSE · 161-5 ROSEBERY AVENUE LONDON E.C.1

THE *Query* IS WITCH HAZEL

THE ANSWER IS Quant's

The great and traditional demand for Witch Hazel for so many family needs can now be met by Quant's *

Nothing can shake the deep-rooted respect for Witch Hazel as a family standby. But supplies of ordinary Witch Hazel are becoming shorter and shorter—and Quant's is rapidly capturing this market. Quant's success is due, not merely to circumstances, *but to its own merits.* For Quant's has all the advantages of B.P.C. Witch Hazel—and more!



SKIN TONIC AND ANTISEPTIC.
FOR TREATMENT OF BURNS, WOUNDS, BRUISES, SPRAINS, SUNBURN, STINGS, ETC.
FOR USE AS A MOUTH-WASH OR GARGLE.
FOR USE AS AN AFTER-SHAVING LOTION.

* Prepared in England by a special distillation process from Hamamelis Virginiana leaves (containing 2% added boric acid).

Attractive showcard, as illustrated, from the distributors :—
KELDON LTD., WADSWORTH ROAD, PERIVALE, MIDDLESEX.

MANUFACTURED BY PERIVALE LABORATORIES LTD.

Trade 13/8d per doz.
Retail 2/1d. per bot.
inc. Purchase Tax.

THIS HANDY PLASTIC CONTAINER IS

increasing the already great demand for KORAY

Those thousands who regard KORAY as their "First Aid" in case of pain are making this plastic container their constant companion. It holds 5 tablets and fits into a waistcoat pocket or the smallest handbag.



There is a container in every one of the neat, "cellophane"-wrapped packs of KORAY 28's and 64's. These larger sized packs of KORAY tablets give you a good profit margin and are excellent counter-lines. They are backed by powerful national advertising and create that goodwill which is only associated with a tried and proved product of quality.

The 10 tablet pack, recently re-designed, will act as an introduction to those who are not yet fully aware of the thoroughly dependable analgesic qualities of KORAY.

Send your order now to:

KORAY LTD., GOLDEN MILE WORKS, BRIDGEND, GLAM.

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By J. W. Cooper, Ph.C., and Colin Gunn, B.Pharm., Ph.C. This up-to-date edition contains new material on emulsions, hormones, sulphur drugs, penicillin, and surgical dressings. Price 18/- net.

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A FEW STOCK SIZES. ALL PER 1,000

1¾ x 2¾	.. 12/6	3½ x 8	.. 35/-	5 x 5	.. 3
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20 x 30. 55/- 500. Rolls. 5yds. x 20". 18/- doz
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8 EXPOSURES

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27	— 1/9	Tax
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W.L.P.C. (Touchstone)

90 VICTORIA STREET, LONDON, S.W.1

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ASTHMA and RIDDOBRON

P.A.T.A.

Inhalation Therapy have become one associated idea whenever the most efficient treatment is required.

★ NOW SUPPLIED IN THREE SIZES—12·5 gm. ; 25 gm. ; 100 gm.



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The success of the treatment depends upon the employment of Standardised Inhalers, and our **PNEUMOSTAT, SUPER PAG, DRITAX,** (illustrated), **RIDDOPAG,** and **ASTHMATOR** Inhalers guarantee the finest possible atomisation. These atomisers are also excellent for Penicillin solutions, with or without glycerine base.

Note: 40% DISCOUNT ALLOWED ON MOST INHALERS.

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ROSE'S LIME JUICE

ROSE'S Diabetic Lime Juice, made by the makers of the world famous Rose's Lime Juice, is now prepared without added sugar for the enjoyment of Diabetics — 3/3 a bottle. Also Lemon and Orange Squashes — 3/- a bottle.



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THE FILM WITH THE OUTSTANDING MIDDLE TONE GRADUATIONS

Photographers throughout the country have proved the astonishing flexibility of this excellent British Film.

- Coated in Britain
- Usual Roll Film Sizes
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You'll get an ACTIVE RESPONSE from an 'ASPRO' DISPLAY

'ASPRO' displays are powerful pullers because they act as vivid reminders to thousands of 'ASPRO' users, and 'ASPRO' is **better** known to the public, and means **more** to them, than any other line of its kind. **'ASPRO' displays give you a double advantage**—they increase your profit margin by qualifying you for bonus and at the same time are, in themselves, making steady sales for you.

WINTER DEMAND SHIFTS 'ASPRO' QUICKLY
Keep good marginal stocks on hand

'ASPRO' BAGS—PRICES REDUCED. We are passing on to you the full benefit of the lower pro duction costs of paper bags :—**GREASEPROOF (formerly 9/- per 1,000) NOW 6/- per 1,000. 2-OZ. WHIT (formerly 6/6 per 1,000) NOW 5/- per 1,000.** We suggest you take advantage of this opportunity by ordering now

P.A.T.A. Made by ASPRO LIMITED. Slough, Bucks ASPRO

AN ALL COTTON WOOL PRODUCT OF REPUTE

Consoluxe (Registered) Patent No. 410702

SUPERFINE QUALITY
ALL WOOL SANITARY TOWELS

LOOPED ENDS
NON-ABSORBENT BACK
WHOLESALE ONLY

ROBERT BAILEY & SON, LTD.
SURGICAL DRESSING MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCKPORT
Phone: GREAT MOOR 3006 Grams: "UNDISPUTED," STOCKPORT

Take it from me these products **PULL THEIR WEIGHT**



Satino
TOILET TISSUE
Satino Toilet Paper in rolls and Interleaved Super soft in boxes —Backed by Nation wide publicity.

KWICK-DRY
HOUSEHOLD TOWELS
A Boon to every housewife. Supplied (Perforated) in rolls. Further details from address below.

Details and Samples can be obtained from the manufacturers:
FREEDER BROTHERS PAPER MILLS
Brimsdown · Enfield · Middlesex
Telephone: HOWard 1847 (5 lines)
Telegrams: Sylkocrepe, Enfield, Middlesex

at last "*headline*"

the new natural shape



CURVED TO FOLLOW THE CONTOUR OF THE HEAD

Spa REGD

No. 33

"HEADLINE'S" quicker and better grooming will appeal to every woman . . . each one of the hundred and ten nylon tufts brushes the hair at every stroke.

A dainty, serviceable brush made in clear tints of pink, blue and green. Packed in an elegant window carton to catch the eye.

a luxury brush at

8/11

SPA BRUSHES LTD. FREEMAN WORKS, CHESHAM, BUCKS.



MORE AND MORE CUSTOMERS WILL BE SAYING—

I'd rather have a Jaffajuce

BECAUSE *Jaffajuce Orange contains over 80% natural Orange juice (which is three times as much as the standard laid down by the Ministry of Food)—plus, of course, pure sugar.*

1. SATISFACTION GUARANTEED. *You are authorised to replace at our expense, any bottle of Jaffajuce which does not entirely satisfy the customer. This guarantee is unconditional.*

2. HIGHEST PURITY. *Jaffajuce is made under the most modern and hygienic conditions and we are proud to Announce that*
Jaffajuce has been awarded the Certificate of the Royal Institute of Public Health and Hygiene

Order through your usual Wholesaler. In case of difficulty write to:
JAFFAJUCE LIMITED, 87 REGENT STREET, LONDON, W.1





NOW bath-time in 8,000,000 families is YOUR business

Eight million families see advertisements for SPONTEX — THE NEW SUPER-SOFT HYGIENIC SPONGE in the Radio Times, many times a day, every day in the week.

These advertisement columns are the nation's Shop Window. So that when you stock and feature SPONTEX, you are taking advantage of more than 8,000,000 daily reminders and immediately establishing an invaluable "point of sales" contact. The Radio Times shop window brings business to YOUR door.

Stock and Display goods Advertised in the

RADIO TIMES

Member of the Audit Bureau of Circulations

Advertisement Department, B.B.C. Publications, Broadcasting House, Portland Place, London, W.1

Recommend to your customers

Ralgex

BRAND

ANALGESIC — RESOLVENT
COUNTER-IRRITANT

SOLID EMBROCATION

for
RHEUMATIC and MUSCULAR PAINS
NEURALGIA and HEADACHES
BRONCHITIS, CATARRH and LARYNGITIS

Handy, clean, practical and efficacious. Prescribed by doctors and regularly advertised in medical and nursing journals.
Packed in artistic counter-display outers containing 1 doz. — a great aid to individual sales.

Write for trade terms, samples & literature.

a PHARMAX product

PHARMAX LIMITED

The Organ Works, Old Hill, Chislehurst, Kent.

Alfan

Tablets are now being widely prescribed on N.H.S. and bring repeat when sold over the counter.

- Alfan is a Pink A.P.C. tablet with Calc-Phos and Phenolphtalein. You can safely recommend it to give the quickest results for the relief of Headaches, Colds, Rheumatic and nerve pains, etc.

- Retails @ 1/- trial size, 25 @ 2/-, 50 @ 3/9.

Cost 6/9, 13/6, and 25/- doz. plus ⅓ tax
Dispensing 100 @ 4/- tax free.
Opening order @ 14 to the doz.

From your Wholesaler or Distributors :—
Amblins Sales Co., Ltd., Kilburn, N.W.6
Abbotts Druggists Ltd.

Dearborn

(1923) LTD.

MERCOLIZED WAX . . . . *for nightly skin care*

PILENTA SOAP . . . . *for the complexion*

SIPOLITE . . . . *a powder depilatory*

CLYNOL BERRIES . . . *a slimming preparation*

Supplies obtainable from our Distributors

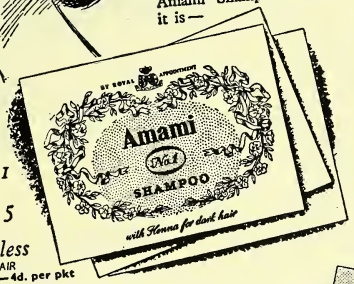
POTTER & MOORE LIMITED

LAVENDER HOUSE, SEYMOUR ROAD, LEYTON, E.10

Friday night is
Amami
night!



In the fragrant b
lather of Amami t
everything to persua
hair to be its gl
glamorous best—
which will rob t
of its natural
hair is left s
clean, full of vi
ready to be set.
Look for the charming
new Amami pack—
designed for easy identification of *your* particular Amami Shampoo. Here it is—



Amami .. *No. 1*
FOR DARK HAIR
Amami .. *No. 5*
FOR FAIR HAIR
Amami .. *Soapless*
FOR ALL SHADES OF HAIR
Obtainable everywhere—4d. per pkt

Amami *Shampoos*

Cash in on this new Amami advertising –

In newspapers and magazines everywhere your customers are reading about the colourful new **Amami** pack. They'll want to see it... want to try it... want to *buy* it. Ensure that your stocks of **Amami** Shampoos are sufficient to meet the demand.



Put these new "Serve Yourself" displays on the counter... and WATCH SALES RISE!

Make this amazing test—



You know your skin must be 'pore-deep' clean—for a healthy, clear complexion. Make this simple test before you go to bed:—(1) Wash your face with soap and water in the ordinary way and dry it carefully. (2) Pat Oatine Face Cream into your 'clean' skin. (3) After one minute, wipe off the surplus cream with a make-up tissue or cotton wool—and NOTE THE RESULT! The material will be BLACK.

—with this FREE sample of OATINE



The CLEANSING *face cream*

Send 2½d. stamp for postage & packing for generous free testing samples of Oatine Face Cream, Oatine Snow and Oatine Powder Base—which will be sent by return.

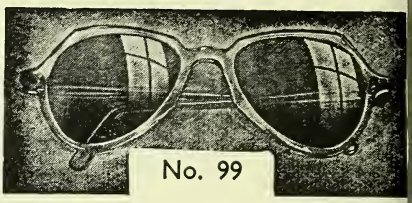
The Oatine Company 44 *Kennington Lane S.E.11*

This advertisement in Radio Times pulled 24,867 replies. So stock up now with Oatine Beauty Creams to meet the sure demand that this and forthcoming offers, which will be made every month, will create.

Order small lots from your wholesale house, or bonus display parcels, with show material, direct from

THE OATINE COMPANY
44 Kennington Lane
London, S.E.11

CVS–35



now also with our British Made *mirrored*
"NUPROSAL" Lenses at popular prices

Descriptive price list of our other sunglasses on request

Nupro Ltd.

MANUFACTURING OPTICIANS
2 NETHERWOOD ST., LONDON, N.W.6
Maida Vale 9718

WHOLESALE and EXPORT ENQUIRIES INVITED

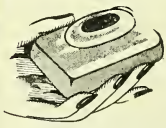
a New Quick Selling Line

The Sugo

SOAP SAVER

The device is wonderfully simple—a plastic moulding for attachment to the soap tablet which then remains dry and hard when not in use. Each Soap Saver is packed in an attractively designed carton for easy sale.

Sales *WILL* be easy, for the Soap Saver is the sort of good idea the thrifty housewife buys on sight. It is made in a range of attractive colours to suit individual tastes.



Send for Sample Display Card and Post Paid Order Form to:—

Dept. C/SALES

SUGO PRODUCTS LTD
Union Chambers, Weekday Cross, Nottingham



Actually costs you only £8.15.0
You sell for £13.6.8

your profit is £4.11.8

*

Any I.C.C. Product can be included in an I.C.C. mixed parcel qualifying for the extra Co-operation Discount of 12½% on parcels to the value of £10 and over, 10% on parcels to the value of £5 and over . . . on top of the usual basic trade discounts.

The great variety of I.C.C. products — all of them household words — means that every pharmacist can give a mixed order large enough to qualify for Co-operation Discount . . . without risk of over-stocking.

Study the List of I.C.C. products carefully — work out the best combination for you — and use this opportunity for *extra profits.*

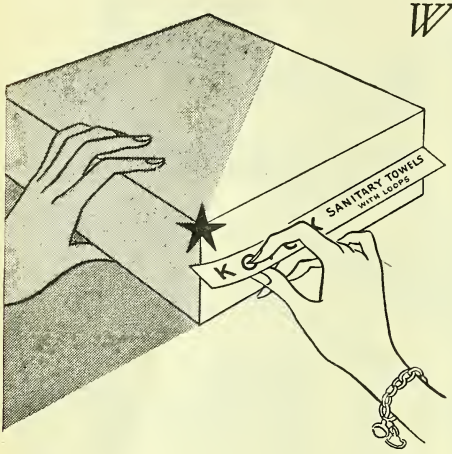
These are the I.C.C. Products

- 'Anne French' Cleansing Milk
- 'Anadin' Tablets
- 'BiSoDoL' Powder
- 'BiSoDoL' Tablets
- 'Bisurated Magnesia' Powder
- 'Bisurated Magnesia' Tablets
- 'Freezone' Corn Remover
- 'Kolynos' Dental Cream
- 'Kolynos' Denture Powder
- 'Kolynos' Denture Fixative
- 'Kolynos' Shaving Cream
- 'Lystone' Salts
- 'Pineate' Honey Cough Syrup
- 'Reudel' Bath Salts

INTERNATIONAL CHEMICAL COMPANY LIMITED

INTERNATIONAL CHEMICAL CO. LTD., Chenies Street, London, W.C.1

Women prefer



KOTEX

SANITARY TOWEL

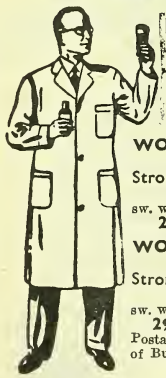
(WITH LOOPS)

Because demand exceeds supply please do not blame your whole saler should he be unable t meet your requirements.

★ *Simply remove the perforated strip and the plain box is ready for sale.*

CELLUCOTTON PRODUCTS LTD., 33/34 AYLMER PARADE, LONDON, N.

GARDINER'S FOR COATS



MEN'S WHITE DRILL LONG COATS
Strongly made. Shrunk. 36" to 44" Chest.
35/6 each

WOMEN'S WHITE DRILL OVERALLS
Strongly made. Shrunk. Wrap-over style.

sw. w. & wx.	o.s.	xos.
26/11	28/6	30/-

WOMEN'S WHITE DRILL OVERALLS
Strongly made. Shrunk. Coat style.

sw. w. & wx.	o.s.	xos.
29/9	30/3	31/11

Postage and Packing 1/- extra. Hours of Business — 9—5.30 p.m. Closed Thursday 1 o'clock.

Gardiner & CO. (The Scotch House) Ltd.
1, 3 and 5 COMMERCIAL ROAD, LONDON, E.1
Opposite Aldgate East Station. Phone: BIS 6751 (3 lines)
Branches: DEPTFORD, S.E.8; WOOLWICH, S.E.18; CLAPHAM, S.W.11

MACANDREWS & FORBES LTD
2 CAXTON STREET, LONDON, S.W.1
MANUFACTURERS OF THE WELL-KNOWN
APOLLO BRAND STICK LICORICE JUICE
V.B. BRAND BLOCK LICORICE JUICE
Supplies available on spot: duty paid for Home Market, Ex bond for shipment.
Telegrams: Macforbes Sowest London
Telephone: ABBey 4451-2-3

RECOMMEND
S.D.2
with confidence
PENETRATES and REBUILDS DAMAGED TISSUE in SKIN ILLNESSES
Remarkable for the Treatment of Burns, Spots, Rashes, etc.
BIO-COLLOIDS LTD., Altrincham, Cheshire
BC35

TENS OF MILLIONS OF DOLCIN Reg. Trade Mark TABLETS WERE SOLD IN 1949

YOU CAN ENSURE YOUR SHARE OF THE 1950 SALES BY WINDOW & COUNTER DISPLAY TO LINK YOUR BUSINESS WITH THE INCREASED ADVERTISING

PRICES:

DOLCIN 600'S (Dispensing) 31/6 per unit Plus 10/6 P.T.
DOLCIN 500'S 324/- per dozen plus 108/- P.T. (Retail 45/- per bot.)
DOLCIN 100'S 72/- per dozen plus 24/- P.T. (Retail 10/- per bot.)

Please order Dolcin from your wholesaler

Show material for Dolcin can be obtained from:
Sole Distributors: **Tampax Ltd., 110 Jermyn Street, S.W.1**

Firm favourites!

with every member of the family . . . .

CUTICURA PREPARATIONS

(MEDICINAL AND TOILET)

SOAP . OINTMENT

TALCUM POWDER . SHAVING STICK

These grand aids for skin-care have been giving confidence and satisfaction for over 65 years. Profits are good — Advertising consistent and widespread. Sales-promoting window displays always at your service.

The following attractive products, each with a universal appeal, will shortly be added to the popular Cuticura Range:

HAND CREAM · BABY OIL

SHAVING CREAM · LIQUID ANTISEPTIC

AFTER-SHAVE LOTION

British Distributors: NEWBERY & PHILLIPS LTD.
203, Victoria House, Southampton Row, London, W.C.1
TELEPHONE: HOLBORN 1564

for

THE POTTER DRUG & CHEMICAL CORPORATION
205-207, Victoria House, London, W.C.1

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LINDEN BLOSSOM

APPLE BLOSSOM

Two attractively cartoned, delicately perfumed Toilet Soaps by the makers of the world-renowned

IMPERIAL LEATHER

Toilet Soap and Toilet Luxuries

Cussons

CUSSONS SONS & CO. LTD
84 BROOK ST, LONDON W.1

AN OUTSTANDING SERVICE

COX

Over a Century of Work
Devoted to Scientific

PILL & TABLET
making

We welcome your enquiries for

GROSSES OR MILLIONS
BULK OR PACKED · ANY SHAPE OR SIZE
COATED OR UNCOATED
STANDARD OR SPECIAL FORMULÆ

ARTHUR.H.COX & CO. LTD.
BRIGHTON · SUSSEX · ENGLAND

WITH A WORLD WIDE REPUTATION